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WIDEBAND COMMUNICATIONS EQUIPMENT

GROUND RADIO COMMUNICATION

SPACE COMM SYSTEMS EQUIPMENT

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DISTRIBUTION STATEMENT A

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304X0/X4/X6

APPENDIX B

FF/A AND LOR INVENTORY

ITEMS BY EQUIPMENT

MAY 1990

APPENDIX B

Purpose

→ This Appendix provides data for the Wideband Communications Equipment, Ground Radio Communications, and Space Communications Systems Equipment/Operator specialties, AFSCs 304X0/4/6. Data contained in this document are the result of a detailed Training Requirements Analysis (TRA) conducted during February through October, 1989. TRA analysts interviewed subject matter experts and reviewed technical references to identify activity, skill, and knowledge behaviors required for task performance. Many of the behaviors required for task performance were taken directly from the Electronic Fundamentals/Applications list (from which attachment 2 to the STS is derived) and the OSR Job Inventories (JIs) for AFSCs 304X0/4/6. This Appendix is a catalog of activities, skills, and knowledge behaviors drawn from these JIs and the EF/A list, plus a list of behaviors these AFSCs have in common. This report is provided for use in developing resident and nonresident training programs. For example, this list of activities, skills, and knowledge for a piece of equipment may be compared to basic electronics training provided to determine existing knowledge deficiencies. Copies of this document are available to Air Force training and management officials. Address requests to USAFOMC/OMT, Randolph AFB, Texas 78150-5000. (SDN)

Format

The following definitions were used in this TRA. Activities are "sets of related behaviors" which have a "common purpose." Activities summarize detailed procedural steps, such as those specified in Technical Orders. Skills and knowledge are prerequisite abilities which support task performance but are not themselves part of the steps for accomplishing the task. In this TRA, troubleshooting or fault isolation abilities are classified as knowledge because the essential component of this behavior is the mental ability or decision process used to determine the problem. Activities, skills, and knowledge are designated as A, S, and K, respectively.

In this Appendix, each piece of equipment is followed by behaviors from the EF/A list and JIs. EF/A behaviors are listed first and are coded with an A, S, or K. A blank line separates EF/A and JI behaviors. JI behaviors are preceded by an 0, 4, or 6, which designates whether the behavior is from AFSC 304X0, 4, or 6. This digit is followed by the behavior's OSR number. Each JI behavior is also coded with an A, S, or K.

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STATEMENT "A" Per Dr. L. Aslett
 USAF Occupational Measurements Center/
 OMTIO, Randolph AFB, TX 78150
 TELECON 6/26/90 VG



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The following list includes Job Inventory statements which occurred in 100 or more of the tasks in Appendix A.

Common Job Inventory Statements - AFSCs 304X0/4/6

0 G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
0 G0156 A OBSERVE TEST EQUIPMENT, SUCH AS SCOPES AND SIGNAL ANALYZERS, TO DETERMINE
EQUIPMENT OPERATION
0 G0178 A PERFORM NOISE POWER RATIO (NPR) TESTS
0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
0 J0286 A INSPECT WAVEGUIDES
0 K0374 A ALIGN FM RECEIVERS
0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
0 K0406 K ISOLATE MALFUNCTIONS IN TUBE TYPE FM RECEIVERS
0 K0418 A PERFORM PMI ON DIGITAL RECEIVERS
0 K0420 A PERFORM PMI ON FM RECEIVERS
0 K0477 A REPAIR MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
0 L0516 A ADJUST POWER MONITORS
0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
0 L0531 A ALIGN FM SHF TRANSMITTERS
0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
0 L0567 A PERFORM PMI ON FM VHF TRANSMITTERS
0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
0 M0638 K ISOLATE MALFUNCTIONS IN SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
0 M0660 A PERFORM PMI ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
0 M0661 A PERFORM PMI ON TIME DIVISION MULTIPLEXERS
0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
0 O0786 A ADJUST DIGITAL MODEMS
0 P0816 A ADJUST SECURITY SYSTEM AREA SENSOR SYSTEM COMPONENTS
0 P0827 A ADJUST SECURITY SYSTEM LINE SENSOR SYSTEM COMPONENTS
0 P0872 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON PERIMETER SECURITY SYSTEMS
0 P0873 A PERFORM PMI ON SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
0 R1298 A OPERATE POWER GENERATORS
0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
0 S1386 A SELECT COMMUNICATION SITES FOR LINE OF SIGHT LINKS
4 H0370 A ALIGN RADIO-TELETYPE SYSTEMS
4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
4 H0380 A LUBRICATE MECHANICAL PARTS OF GROUND RADIO EQUIPMENT
4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
4 H0403 A REMOVE OR INSTALL RADIO-TELETYPE SYSTEM LRU
4 I0419 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC SWITCHBOARDS
4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
4 I0455 A OPERATIONALLY CHECK FACSIMILE SYSTEMS
4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS
4 I0469 A REMOVE OR INSTALL AUTOMATIC SWITCHBOARD COMPONENTS
4 I0483 A REMOVE OR INSTALL RECORDER AND REPRODUCER LRU
4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
4 J0497 A ALIGN SIDE BAND EQUIPMENT
4 J0498 A ALIGN TARGET TRANSMITTERS
4 J0499 A ALIGN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT

Common Job Inventory Statements - AFSCs 304X0/4/6

4 J0504 A BENCH CHECK HF POWER AMPLIFIERS OR SUBASSEMBLIES
 4 J0505 A BENCH CHECK HF RECEIVERS
 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
 4 J0519 A BENCH CHECK RADIO-TELEGRAPH EQUIPMENT
 4 J0520 A BENCH CHECK RADIO-TELETYPE EQUIPMENT
 4 J0522 A BENCH CHECK UHF POWER AMPLIFIERS
 4 J0531 A PERFORM CORROSION PREVENTION ON GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
 4 J0533 A REMOVE OR INSTALL DF EQUIPMENT PARTS
 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
 4 J0540 A REMOVE OR INSTALL RADIO-TELETYPE EQUIPMENT PARTS
 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS
 4 J0543 S SOLDER COMMUNICATIONS EQUIPMENT COMPONENTS
 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
 4 K0546 A ALIGN AUDIO RECORDER-REPRODUCER DISCRETE PARTS
 4 K0548 A ALIGN AUXILIARY EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
 4 K0549 A ALIGN BACKUP POWER EQUIPMENT DISCRETE PARTS
 4 K0565 A BENCH CHECK ANTENNA COUPLERS
 4 K0572 A BENCH CHECK FACSIMILE SYSTEMS
 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
 4 K0587 A REMOVE OR INSTALL AUDIO RECORDER-REPRODUCER DISCRETE PARTS
 4 K0599 A REMOVE OR INSTALL OPERATOR CONSOLE DISCRETE PARTS
 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
 6 E0124 A PREPARE STATUS REPORTS
 6 G0149 A ESTABLISH ORDERWIRE CONTACT WITH DISTANT TERMINALS
 6 G0153 A OBSERVE TEST EQUIPMENT, SUCH AS OSCILLOSCOPES, TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
 6 H0175 A CONFIGURE TERMINAL EQUIPMENT FOR CORRECT SATELLITE MODE
 6 H0183 A PERFORM ACQUISITION FUNCTIONS
 6 H0186 A PERFORM TRACKING FUNCTIONS
 6 H0187 A REVIEW MISSION DATA FOR PERMISSION SETUPS
 6 H0188 A SCHEDULE SATELLITE USERS
 6 H0189 A VERIFY OPERATIONAL READINESS WITH DISTANT TERMINALS
 6 J0224 A ADJUST DEHYDRATOR OR PRESSURIZER COMPONENTS
 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
 6 K0278 A ALIGN DOWN CONVERTER COMPONENTS FOR REQUIRED OUTPUT LEVELS
 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
 6 K0297 A PERFORM PHIS ON DOWN CONVERTERS
 6 L0403 A PERFORM PHIS ON UP CONVERTERS
 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYERS
 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
 6 N0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
 6 P0562 A ALIGN TRACKING DOWN CONVERTER COMPONENTS
 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
 6 Q0618 A ALIGN HIGH SPEED PRINTERS
 6 Q0621 A ALIGN LOW SPEED PRINTERS
 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
 6 Q0655 K ISOLATE MALFUNCTIONS TO HIGH SPEED PRINTERS
 6 Q0664 A PERFORM PHIS ON CESIUM BEAM FREQUENCY STANDARDS
 6 Q0665 A PERFORM PHIS ON CRYPTO EQUIPMENT
 6 Q0671 A PERFORM PHIS ON LOW SPEED PRINTERS

304XX EFA/JI ITEMS
BY EQUIPMENT

EQUIPMENT ITEM: AMS-1X00

- K APPLY COMPUTER PERIPHERAL DEVICE THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- O G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
- O G0156 A OBSERVE TEST EQUIPMENT, SUCH AS SCOPES AND SIGNAL ANALYZERS, TO DETERMINE EQUIPMENT OPERATION
- G G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- O Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS

EQUIPMENT ITEM: DMX-2003

- A REMOVE OR REPLACE COMPUTER SUBASSEMBLIES
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- O G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- O I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- G H0661 A PERFORM PMI ON TIME DIVISION MULTIPLEXERS
- G I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- G H0502 A PERFORM PMIS ON TIME DIVISION MULTIPLEXERS

EQUIPMENT ITEM: AN/FCC-19

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- K APPLY DC GENERATOR THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K ISOLATE FAULTY DC GENERATORS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSMISSION LINES
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT DC GENERATORS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- S SOLDER OR DESOLDER P C BOARDS
- O G0162 A PERFORM BIT ERROR RATE TESTS
- O H0429 A ALIGN FREQUENCY DIVISION MULTIPLEXERS
- O N0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- O N0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS

EQUIPMENT ITEM: AN/FCC-19

- 0 N0734 K ISOLATE MALFUNCTIONS IN BALLAST PANELS
- 0 N0737 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 N0738 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0747 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 N0751 A REMOVE FREQUENCY SHIFT CONVERTERS
- 0 N0752 A REMOVE FREQUENCY SHIFT KEYS
- 0 N0764 A REPAIR MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 N0765 A REPAIR MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 N0776 A REPLACE FREQUENCY SHIFT CONVERTERS
- 0 N0777 A REPLACE FREQUENCY SHIFT KEYS
- 0 00789 A ADJUST DIRECT CURRENT (DC) TO AUDIO FREQUENCY SHIFT KEYING (FSK) MODEM COMPONENTS
- 0 00791 A ADJUST DC TO MULTIPLE FREQUENCY SHIFT KEYING (MFSK) MODEM COMPONENTS
- 0 00797 K ISOLATE MALFUNCTIONS IN DC TO AUDIO FSK MODEMS
- 0 00802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON DC TO AUDIO FSK MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1084 A PERFORM PMI ON DIAL LOOP EQUIPMENT
- 4 H0363 A ADJUST MULTIPLEX SYSTEMS
- 4 H0367 A ALIGN MULTIPLEX SYSTEMS
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0427 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT CONVERTERS TO LRU
- 4 I0428 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT KEYS TO LRU
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0478 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER LRU
- 4 K0554 A ALIGN FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 4 K0556 A ALIGN MULTIPLEX EQUIPMENT DISCRETE PARTS
- 4 K0564 A ALIGN TONE KEYS AND CONVERTER PARTS
- 4 K0595 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 M0446 A ALIGN FREQUENCY DIVISION MULTIPLEXERS
- 6 M0448 A ALIGN FREQUENCY SHIFT CONVERTER COMPONENTS
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0456 A ALIGN TELETYPE MULTIPLEXER COMPONENTS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0466 K ISOLATE MALFUNCTIONS IN FREQUENCY DIVISION MULTIPLEXERS
- 6 M0468 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 6 M0478 K ISOLATE MALFUNCTIONS IN TELETYPE MULTIPLEXERS
- 6 M0496 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON FREQUENCY DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0497 A PERFORM PHIS ON FREQUENCY DIVISION MULTIPLEXERS
- 6 M0499 A PERFORM PHIS ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0500 A PERFORM PHIS ON TELETYPE MULTIPLEXERS
- 6 00529 K ISOLATE MALFUNCTIONS TO LEVEL CONVERTERS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0652 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS

EQUIPMENT ITEM: AN/FCC-106

- K LOAD COMPUTER PROGRAMS
- K TROUBLESHOOT COMPUTER SUBASSEMBLIES
- 0 G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0441 A REMOVE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 K0484 A REPLACE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0603 A REPLACE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 M0642 K ISOLATE MALFUNCTIONS IN SOLID-STATE PULSE CODE MODULATION (PCM) MULTIPLEXERS
- 0 M0683 A REMOVE SOLID-STATE PCM MULTIPLEXERS
- 0 M0718 A REPLACE SOLID-STATE PCM MULTIPLEXERS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1249 A REPLACE SOLID-STATE BITE

EQUIPMENT ITEM: AN/FCC-98

- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0399 A REMOVE OR INSTALL MULTIPLE CHANNEL SYSTEM LRU
- 4 H0400 A REMOVE OR INSTALL MULTIPLEX SYSTEM LRU
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0475 K ISOLATE MALFUNCTIONS IN PCM MULTIPLEXERS
- 6 M0479 K ISOLATE MALFUNCTIONS IN TIME DIVISION MULTIPLEXERS
- 6 M0491 K ISOLATE MALFUNCTIONS TO PCM MULTIPLEXERS
- 6 M0494 K ISOLATE MALFUNCTIONS TO TIME DIVISION MULTIPLEXERS
- 6 M0502 A PERFORM PHIS ON TIME DIVISION MULTIPLEXERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0679 A REMOVE OR REPLACE BITE
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE PULSE MODULATION RECEIVERS
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K ISOLATE FAULTY PULSE MODULATION RECEIVERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT PULSE MODULATION TRANSMITTER
- 0 G0156 A OBSERVE TEST EQUIPMENT, SUCH AS SCOPES AND SIGNAL ANALYZERS, TO DETERMINE EQUIPMENT OPERATION
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 M0660 A PERFORM PHI ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0681 A REMOVE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0716 A REPLACE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0718 A REPLACE SOLID-STATE PCM MULTIPLEXERS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1249 A REPLACE SOLID-STATE BITE

EQUIPMENT ITEM: AN/FCC-98

- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0475 K ISOLATE MALFUNCTIONS IN PCM MULTIPLEXERS
- 6 M0479 K ISOLATE MALFUNCTIONS IN TIME DIVISION MULTIPLEXERS
- 6 M0484 K ISOLATE MALFUNCTIONS TO E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0491 K ISOLATE MALFUNCTIONS TO PCM MULTIPLEXERS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS

EQUIPMENT ITEM: AN/FRA-90

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVEGUIDES
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- K APPLY ALTERNATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY SCR

EQUIPMENT ITEM: AN/FRA-90

- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K ISOLATE FAULTY ZENER DIODES
- K LOAD COMPUTER PROGRAMS
- K PERFORM RCL CIRCUIT CALCULATIONS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT LED
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT SCR
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT VOLTAGE REGULATORS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER

- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOT MEASUREMENTS
- 0 I0217 K ISOLATE MALFUNCTIONS IN RADIO RELAY PECULIAR TEST EQUIPMENT
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 J0286 A INSPECT WAVEGUIDES
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0362 A ADJUST RECEIVE COMBINER COMPONENTS
- 0 K0368 A ADJUST SUPER HIGH FREQUENCY (SHF) RECEIVER RF AMPLIFIER
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0381 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE DETECTORS
- 0 K0382 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE COMBINERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0445 A REMOVE SOLID-STATE LIMITERS
- 0 K0446 A REMOVE SOLID-STATE NOISE AMPLIFIERS
- 0 K0447 A REMOVE SOLID-STATE PILOT TONE DETECTORS
- 0 K0448 A REMOVE SOLID-STATE RECEIVE COMBINERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0450 A REMOVE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0451 A REMOVE SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0460 A REMOVE SHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 K0489 A REPLACE SOLID-STATE NOISE AMPLIFIERS
- 0 K0490 A REPLACE SOLID-STATE PILOT TONE DETECTORS
- 0 K0491 A REPLACE SOLID-STATE RECEIVE COMBINERS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 K0502 A REPLACE SHF SOLID-STATE RECEIVE IFLA
- 0 K0503 A REPLACE SHF SOLID-STATE RECEIVE RF AMPLIFIERS

EQUIPMENT ITEM: AN/FRA-90

- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0531 A ALIGN FM SHF TRANSMITTERS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0550 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE SHF TRANSMITTERS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0581 A REMOVE SOLID-STATE FM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0632 K ISOLATE MALFUNCTIONS IN DELAY EQUALIZERS
- 0 M0679 A REMOVE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0978 A ADJUST FREQUENCY DIVERSITY COMBINER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1077 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AUTOMATIC TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1093 A PERFORM PMI ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1148 A REMOVE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 Q1250 A REPLACE SOLID-STATE SHF MIXERS
- 0 Q1257 A REPLACE TRANSCEIVERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 G0295 A INSTALL MULTIPLE CHANNEL FM TRANSCEIVERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 K0279 A ALIGN FREQUENCY MODULATION (FM) DETECTOR OR DISCRIMINATOR COMPONENTS
- 6 K0288 K ISOLATE MALFUNCTIONS IN PILOT TONE DETECTORS

EQUIPMENT ITEM: AN/FRA-90

- 6 K0299 A PERFORM PHIS ON PILOT TONE DETECTORS
- 6 K0307 A REMOVE OR REPLACE PILOT TONE DETECTORS
- 6 L0319 A ALIGN SUPER HIGH FREQUENCY (SHF) TRANSMITTERS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0321 A ALIGN TRANSMIT POWER MONITORS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0455 A ALIGN SYNC OR PILOT GENERATOR COMPONENTS
- 6 M0463 K ISOLATE MALFUNCTIONS IN DELAY EQUALIZERS
- 6 M0483 K ISOLATE MALFUNCTIONS TO DELAY EQUALIZERS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0646 K ISOLATE MALFUNCTIONS IN SHF MIXERS
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0663 A PERFORM PHIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0672 A PERFORM PHIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0693 A REMOVE OR REPLACE PILOT TONE OSCILLATORS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FRC-96

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CMOS LOGIC FAMILIES
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS

EQUIPMENT ITEM: AN/FRC-96

- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TTL LOGIC FAMILIES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVEGUIDES
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K DEVELOP BOOLEAN EQUATIONS FROM LOGIC CIRCUITS OR DIAGRAMS
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CMOS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS

EQUIPMENT ITEM: AN/FRC-96

- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K LOAD COMPUTER PROGRAMS
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SYNCHRO/SERVOs
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVEGUIDES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE SPECTRUM ANALYZER

- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0178 A PERFORM NOISE POWER RATIO (NPR) TESTS
- 0 G0180 A PERFORM ORDER-WIRE NOISE LEVEL TESTS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOT MEASUREMENTS
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 G0190 A PERFORM FREQUENCY MODULATION (FM) QUIETING CURVES
- 0 G0191 A RECORD HOURLY MEASUREMENTS TO DETERMINE SIGNAL QUALITY
- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS

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- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0362 A ADJUST RECEIVE COMBINER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0365 A ADJUST RECEIVER FREQUENCY MODULATION (FM) DETECTORS COMPONENTS
- 0 K0377 K ISOLATE MALFUNCTIONS IN PRESELECTORS
- 0 K0378 K ISOLATE MALFUNCTIONS IN SOLID-STATE DOWN CONVERTERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0413 K ISOLATE MALFUNCTIONS IN UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0420 A PERFORM PHI ON FM RECEIVERS
- 0 K0443 A REMOVE PRESELECTORS
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0461 A REMOVE UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0486 A REPLACE PRESELECTORS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 K0504 A REPLACE UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0532 A ALIGN FM UHF TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0538 K ISOLATE MALFUNCTIONS IN FLOW REGULATORS (SWITCHES)
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0550 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE SHF TRANSMITTERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AIR COOLING SYSTEMS
- 0 L0564 A PERFORM PHI ON LIQUID COOLING SYSTEMS
- 0 L0566 A PERFORM PHI ON FM UHF TRANSMITTERS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0576 A REMOVE FLOW REGULATORS (SWITCHES)
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 L0581 A REMOVE SOLID-STATE FM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0606 A REPLACE FLOW REGULATORS (SWITCHES)
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 L0614 A REPLACE UHF POWER AMPLIFIERS
- 0 L0616 A REPLACE VLF POWER AMPLIFIERS

EQUIPMENT ITEM: AN/FRC-96

- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0965 A ADJUST AUTOMATIC SWITCHING UNIT
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS
- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q1001 A ADJUST ULTRA HIGH FREQUENCY (UHF) MIXER COMPONENTS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1013 K ISOLATE MALFUNCTIONS IN AUTOMATIC TUBE TYPE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1019 K ISOLATE MALFUNCTIONS IN FACSIMILE EQUIPMENT
- 0 Q1027 K ISOLATE MALFUNCTIONS IN MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1040 K ISOLATE MALFUNCTIONS IN SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- U Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1048 K ISOLATE MALFUNCTIONS IN SOLID-STATE UHF MIXERS
- 0 Q1061 K ISOLATE MALFUNCTIONS IN TUBE TYPE LOCAL OSCILLATORS
- 0 Q1062 K ISOLATE MALFUNCTIONS IN TUBE TYPE MULTIPLIERS
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1077 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AUTOMATIC TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1078 A PERFORM PHI ON AMPLIFIERS
- 0 Q1093 A PERFORM PHI ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1123 A REMOVE AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1148 A REMOVE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1153 A REMOVE SOLID-STATE AFC
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1156 A REMOVE SOLID-STATE UHF MIXERS
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1163 A REMOVE PA SYSTEMS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1220 A REPLACE AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1221 A REPLACE AUTOMATIC TUBE TYPE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1236 A REPLACE SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1241 A REPLACE SOLID-STATE EQUIPMENT CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1243 A REPLACE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1251 A REPLACE SOLID-STATE UHF MIXERS
- 0 Q1258 A REPLACE VOLTAGE CONTROLLED OSCILLATORS

EQUIPMENT ITEM: AN/FRC-96

- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 L0614 A REMOVE OR INSTALL DUMMY LOAD ANTENNA PARTS
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0252 A PERFORM PMIS ON INTERLOCK SAFETY EQUIPMENT
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 J0272 A REMOVE OR REPLACE RF RELAYS
- 6 J0274 A REMOVE OR REPLACE TRANSMIT SPLITTER OR ANTENNA COUPLER COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 K0279 A ALIGN FREQUENCY MODULATION (FM) DETECTOR OR DISCRIMINATOR COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0286 K ISOLATE MALFUNCTIONS IN NOISE TEST SETS
- 6 K0289 K ISOLATE MALFUNCTIONS IN POWER DIVIDER ASSEMBLIES
- 6 K0290 K ISOLATE MALFUNCTIONS IN UHF RECEIVE RF AMPLIFIERS
- 6 K0297 A PERFORM PMIS ON DOWN CONVERTERS
- 6 K0301 A PERFORM PMIS ON UHF RECEIVE RF AMPLIFIERS
- 6 K0304 A REMOVE OR REPLACE DOWN CONVERTERS
- 6 L0311 A ADJUST FLOW REGULATOR OR SWITCH COMPONENTS
- 6 L0313 A ADJUST UP CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 L0314 A ADJUST UP CONVERTERS TO SPECIFIC OUTPUT LEVELS
- 6 L0315 A ALIGN EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0323 A ALIGN UP CONVERTER COMPONENTS TO REQUIRED SPECIFICATIONS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0335 K ISOLATE MALFUNCTIONS IN UP CONVERTERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0361 K ISOLATE MALFUNCTIONS TO SHF POWER AMPLIFIER MONITORING SYSTEMS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0397 A PERFORM PMIS ON FINAL POWER AMPLIFIERS
- 6 L0398 A PERFORM PMIS ON INTERMEDIATE POWER AMPLIFIERS

EQUIPMENT ITEM: AN/FRC-96

- 6 L0399 A PERFORM PHIS ON LIQUID COOLING SYSTEMS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0414 A REMOVE OR REPLACE FLOW REGULATORS OR SWITCHES
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 L0418 A REMOVE OR REPLACE KLYSTRON AMPLIFIERS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0504 A ADJUST POWER SUPPLY INTERFACE UNITS
- 6 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0615 A ALIGN EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0624 K ISOLATE MALFUNCTIONS IN AMPLITUDE OR LINE EQUALIZERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0630 K ISOLATE MALFUNCTIONS IN BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0647 K ISOLATE MALFUNCTIONS IN UHF MIXERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0672 A PERFORM PHIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0674 A REMOVE OR REPLACE AMPLITUDE OR LINE EQUALIZERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS
- 6 Q0680 A REMOVE OR REPLACE BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0691 A REMOVE OR REPLACE MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0693 A REMOVE OR REPLACE PILOT TONE OSCILLATORS
- 6 Q0694 A REMOVE OR REPLACE POWER DISTRIBUTION PANEL COMPONENTS
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FRC-97

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CMOS LOGIC FAMILIES
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FM RECEIVERS

EQUIPMENT ITEM: AN/FRC-97

- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TTL LOGIC FAMILIES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVEGUIDES
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K DEVELOP BOOLEAN EQUATIONS FROM LOGIC CIRCUITS OR DIAGRAMS
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CMOS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS

EQUIPMENT ITEM: AN/FRC-97

- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVO
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K LOAD COMPUTER PROGRAMS
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SYNCHRO/SERVO
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVEGUIDES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE SPECTRUM ANALYZER
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0178 A PERFORM NOISE POWER RATIO (NPR) TESTS
- 0 G0180 A PERFORM ORDER-WIRE NOISE LEVEL TESTS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOT MEASUREMENTS
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 G0190 A PERFORM FREQUENCY MODULATION (FM) QUIETING CURVES
- 0 G0191 A RECORD HOURLY MEASUREMENTS TO DETERMINE SIGNAL QUALITY

EQUIPMENT ITEM: AN/FRC-97

- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0362 A ADJUST RECEIVE COMBINER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0365 A ADJUST RECEIVER FREQUENCY MODULATION (FM) DETECTORS COMPONENTS
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0406 K ISOLATE MALFUNCTIONS IN TUBE TYPE FM RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0477 A REPAIR MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 L0506 A ADJUST AIR COOLING SYSTEM COMPONENTS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0531 A ALIGN FM SHF TRANSMITTERS
- 0 L0532 A ALIGN FM UHF TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0538 K ISOLATE MALFUNCTIONS IN FLOW REGULATORS (SWITCHES)
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 L0564 A PERFORM PMI ON LIQUID COOLING SYSTEMS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0566 A PERFORM PMI ON FM UHF TRANSMITTERS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0606 A REPLACE FLOW REGULATORS (SWITCHES)
- 0 L0614 A REPLACE UHF POWER AMPLIFIERS
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0965 A ADJUST AUTOMATIC SWITCHING UNIT
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS

EQUIPMENT ITEM: AN/FRC-97

- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q1001 A ADJUST ULTRA HIGH FREQUENCY (UHF) MIXER COMPONENTS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1077 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AUTOMATIC TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1093 A PERFORM PMI ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 0 Q1163 A REMOVE PA SYSTEMS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1236 A REPLACE SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 L0614 A REMOVE OR INSTALL DUMMY LOAD ANTENNA PARTS
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0252 A PERFORM PMIS ON INTERLOCK SAFETY EQUIPMENT
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 K0279 A ALIGN FREQUENCY MODULATION (FM) DETECTOR OR DISCRIMINATOR COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0297 A PERFORM PMIS ON DOWN CONVERTERS
- 6 K0301 A PERFORM PMIS ON UHF RECEIVE RF AMPLIFIERS
- 6 L0311 A ADJUST FLOW REGULATOR OR SWITCH COMPONENTS
- 6 L0313 A ADJUST UP CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 L0314 A ADJUST UP CONVERTERS TO SPECIFIC OUTPUT LEVELS
- 6 L0315 A ALIGN EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0323 A ALIGN UP CONVERTER COMPONENTS TO REQUIRED SPECIFICATIONS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0361 K ISOLATE MALFUNCTIONS TO SHF POWER AMPLIFIER MONITORING SYSTEMS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0397 A PERFORM PMIS ON FINAL POWER AMPLIFIERS

EQUIPMENT ITEM: AN/FRC-97

- 6 L0398 A PERFORM PHIS ON INTERMEDIATE POWER AMPLIFIERS
- 6 L0399 A PERFORM PHIS ON LIQUID COOLING SYSTEMS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0414 A REMOVE OR REPLACE FLOW REGULATORS OR SWITCHES
- 6 L0418 A REMOVE OR REPLACE KLYSTRON AMPLIFIERS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 N0504 A ADJUST POWER SUPPLY INTERFACE UNITS
- 6 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0615 A ALIGN EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 5 Q0672 A PERFORM PHIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 5 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0694 A REMOVE OR REPLACE POWER DISTRIBUTION PANEL COMPONENTS
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FRC-127

- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- A TUNE OR ADJUST RESONANT CAVITIES
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION

EQUIPMENT ITEM: AN/FRC-127

- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT RELAYS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE SPECTRUM ANALYZER
- 0 G0160 A PERFORM BASEBAND LOADING
- 0 G0161 A PERFORM BASEBAND SWEEPS
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0190 A PERFORM FREQUENCY MODULATION (FM) QUIETING CURVES
- 0 I0217 K ISOLATE MALFUNCTIONS IN RADIO RELAY PECULIAR TEST EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 J0286 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 K0358 A ADJUST NOISE AMPLIFIER COMPONENTS
- 0 K0381 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE DETECTORS
- 0 K0382 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE COMBINERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS

EQUIPMENT ITEM: AN/FRC-127

- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0447 A REMOVE SOLID-STATE PILOT TONE DETECTORS
- 0 K0448 A REMOVE SOLID-STATE RECEIVE COMBINERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 M0624 A ADJUST PILOT GENERATOR COMPONENTS
- 0 M0671 A REMOVE ECHO SUPPRESSORS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0965 A ADJUST AUTOMATIC SWITCHING UNIT
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q1007 K ISOLATE MALFUNCTIONS IN AMPLITUDE EQUALIZERS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1024 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 0 Q1025 K ISOLATE MALFUNCTIONS IN LINE EQUALIZERS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1086 A PERFORM PMI ON FIBER OPTIC SYSTEMS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1135 A REMOVE LINE EQUALIZERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 S1348 A INSTALL FIXED COMMUNICATION EQUIPMENT
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 S1379 A REMOVE FIXED COMMUNICATION EQUIPMENT
- 0 S1380 A REMOVE LINE CONDITIONING EQUIPMENT
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 G0275 A ADJUST EXTERNAL CONTROL OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0294 A INSTALL MULTIPLE CHANNEL FM RECEIVERS
- 4 G0296 A INSTALL MULTIPLE CHANNEL FM TRANSMITTERS
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0395 A REMOVE OR INSTALL FM SYSTEM LRU
- 4 H0399 A REMOVE OR INSTALL MULTIPLE CHANNEL SYSTEM LRU
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 6 G0155 A PERFORM BASE BAND SWEEPS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 J0274 A REMOVE OR REPLACE TRANSMIT SPLITTER OR ANTENNA COUPLER COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS

EQUIPMENT ITEM: AN/FRC-127

- 6 K0307 A REMOVE OR REPLACE PILOT TONE DETECTORS
- 6 K0310 A REMOVE OR REPLACE WAVEGUIDE SWITCHING NETWORKS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0461 K ISOLATE MALFUNCTIONS IN CARRIER GENERATORS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0624 K ISOLATE MALFUNCTIONS IN AMPLITUDE OR LINE EQUALIZERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0636 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0639 K ISOLATE MALFUNCTIONS IN MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0674 A REMOVE OR REPLACE AMPLITUDE OR LINE EQUALIZERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0686 A REMOVE OR REPLACE IF TO RF TEST TRANSLATORS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0688 A REMOVE OR REPLACE LINE AMPLIFIERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0691 A REMOVE OR REPLACE MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0693 A REMOVE OR REPLACE PILOT TONE OSCILLATORS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FRC-162

- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC GENERATORS
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT BIPOLAR JUNCTION TRANSISTORS

EQUIPMENT ITEM: AN/FRC-162

- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CHOPPERS (SYNCHROUS VIBRATORS)
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT RAMP A-D CONVERTERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVEGUIDES
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S USE SPECTRUM ANALYZER
-
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0168 A PERFORM ENVELOPE DELAY TESTS
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS
- 0 G0172 A PERFORM IDLE CHANNEL NOISE TESTS
- 0 G0176 A PERFORM NET LOSS VARIATION TESTS
- 0 G0177 A PERFORM NOISE FIGURE TESTS
- 0 G0178 A PERFORM NOISE POWER RATIO (NPR) TESTS
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 G0180 A PERFORM ORDER-WIRE NOISE LEVEL TESTS
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOT MEASUREMENTS
- 0 G0185 A PERFORM TERMINAL IMPEDANCE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 G0190 A PERFORM FREQUENCY MODULATION (FM) QUIETING CURVES
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 J0260 A ADJUST ANTENNA SELECT CIRCUIT COMPONENTS
- 0 J0262 A ADJUST DEHYDRATOR COMPONENTS
- 0 J0286 A INSPECT WAVEGUIDES
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0292 K ISOLATE MALFUNCTIONS IN DEHYDRATORS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS

EQUIPMENT ITEM: AN/FRC-162

- 0 K0365 A ADJUST RECEIVER FREQUENCY MODULATION (FM) DETECTORS COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0378 K ISOLATE MALFUNCTIONS IN SOLID-STATE DOWN CONVERTERS
- 0 K0381 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE DETECTORS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0447 A REMOVE SOLID-STATE PILOT TONE DETECTORS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0490 A REPLACE SOLID-STATE PILOT TONE DETECTORS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0541 K ISOLATE MALFUNCTIONS IN SOLID-STATE POWER MONITORS
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0550 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE SHF TRANSMITTERS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0581 A REMOVE SOLID-STATE FM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0617 A ADJUST DELAY EQUALIZER COMPONENTS
- 0 M0624 A ADJUST PILOT GENERATOR COMPONENTS
- 0 M0625 A ADJUST PILOT TONE AMPLIFIER COMPONENTS
- 0 M0632 K ISOLATE MALFUNCTIONS IN DELAY EQUALIZERS
- 0 M0637 K ISOLATE MALFUNCTIONS IN SOLID-STATE HARMONIC GENERATORS
- 0 M0641 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0670 A REMOVE DELAY EQUALIZERS
- 0 M0679 A REMOVE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0705 A REPLACE DELAY EQUALIZERS
- 0 M0714 A REPLACE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 P0846 K ISOLATE MALFUNCTIONS IN RADIO INTERFACE KEY TELEPHONE UNITS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0965 A ADJUST AUTOMATIC SWITCHING UNIT
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q0992 A ADJUST RECEIVE PATH EQUALIZER COMPONENTS
- 0 Q0996 A ADJUST SUPER HIGH FREQUENCY (SHF) MIXER COMPONENTS
- 0 Q1001 A ADJUST ULTRA HIGH FREQUENCY (UHF) MIXER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1016 K ISOLATE MALFUNCTIONS IN CARRIER LEVEL DETECTORS
- 0 Q1024 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1042 K ISOLATE MALFUNCTIONS IN SOLID-STATE MULTIPLIERS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC

EQUIPMENT ITEM: AN/FRC-162

- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1083 A PERFORM PMI ON BRIDGES
- 0 Q1091 A PERFORM PMI ON LINE AMPLIFIERS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1153 A REMOVE SOLID-STATE AFC
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1218 A REPLACE ATTENUATORS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 S1350 A INSTALL LINE CONDITIONING EQUIPMENT
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1368 A PERFORM SCHEME REVIEWS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1397 A ADJUST RECEIVE EQUALIZERS
- 4 G0275 A ADJUST EXTERNAL CONTROL OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0359 A PREPARE INSTALLATION RECORDS
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 H0398 A REMOVE OR INSTALL MICROWAVE SYSTEM LRU
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 K0562 A ALIGN SIGNAL CONDITIONING EQUIPMENT PARTS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0210 A REMOVE OR REPLACE DESICCANTS
- 6 K0278 A ALIGN DOWN CONVERTER COMPONENTS FOR REQUIRED OUTPUT LEVELS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS
- 6 K0297 A PERFORM PMIS ON DOWN CONVERTERS
- 6 K0299 A PERFORM PMIS ON PILOT TONE DETECTORS
- 6 K0307 A REMOVE OR REPLACE PILOT TONE DETECTORS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0436 A REMOVE OR REPLACE TWTs
- 6 M0443 A ALIGN DELAY EQUALIZER COMPONENTS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 M0455 A ALIGN SYNC OR PILOT GENERATOR COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0483 K ISOLATE MALFUNCTIONS TO DELAY EQUALIZERS
- 6 P0560 A ALIGN PHASE SHIFTER COMPONENTS
- 6 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0622 A ALIGN RECEIVE OR TRANSMIT PATH EQUALIZER COMPONENTS

EQUIPMENT ITEM: AN/FRC-162

- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0646 K ISOLATE MALFUNCTIONS IN SHF MIXERS
- 6 Q0663 A PERFORM PHIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0670 A PERFORM PHIS ON LINE AMPLIFIERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS

EQUIPMENT ITEM: AN/FRC-171

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TTL
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S USE SPECTRUM ANALYZER
- 0 G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
- 0 K0418 A PERFORM PMI ON DIGITAL RECEIVERS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 Q0786 A ADJUST DIGITAL MODEMS

EQUIPMENT ITEM: AN/FTA-20

- A REMOVE OR REPLACE OSCILLATORS
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT CLAMPER CIRCUITS

EQUIPMENT ITEM: AN/FTA-20

- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT HAVE GENERATING CIRCUITS
- S USE CAPACITOR SUBSTITUTION BOX

- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 M0621 A ADJUST IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0627 A ADJUST TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 0 M0638 K ISOLATE MALFUNCTIONS IN SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0972 A ADJUST COMPRESSION AMPLIFIER COMPONENTS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1096 A PERFORM PMI ON RINGDOWN CONVERTERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 M0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 I0434 K ISOLATE MALFUNCTIONS WITHIN SIGNAL CONDITIONING OR SHAPING EQUIPMENT TO LRU
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 M0451 A ALIGN IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0458 A ALIGN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0470 K ISOLATE MALFUNCTIONS IN IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0488 K ISOLATE MALFUNCTIONS TO IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FTA-28

- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S USE CAPACITOR SUBSTITUTION BOX
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0621 A ADJUST IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0638 K ISOLATE MALFUNCTIONS IN SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0972 A ADJUST COMPRESSION AMPLIFIER COMPONENTS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1096 A PERFORM PMI ON RINGDOWN CONVERTERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 H0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 I0434 K ISOLATE MALFUNCTIONS WITHIN SIGNAL CONDITIONING OR SHAPING EQUIPMENT TO LRU
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 M0451 A ALIGN IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0458 A ALIGN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS

EQUIPMENT ITEM: AN/FTA-28

- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0470 K ISOLATE MALFUNCTIONS IN IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0488 K ISOLATE MALFUNCTIONS TO IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/FYA-74

- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE OSCILLATORS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0757 A REMOVE POLAR DC POWER SUPPLIES
- 0 N0781 A REPLACE NEUTRAL DC POWER SUPPLIES
- 0 N0782 A REPLACE POLAR DC POWER SUPPLIES
- 0 Q0960 A ADJUST ATOMIC FREQUENCY STANDARD COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0965 A ADJUST AUTOMATIC SWITCHING UNIT
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1220 A REPLACE AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES

EQUIPMENT ITEM: AN/FYA-74

- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1406 A MEASURE REGULATOR VOLTAGES
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES

EQUIPMENT ITEM: AN/GGC-38

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- K APPLY DC GENERATOR THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K ISOLATE FAULTY DC GENERATORS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY RELAYS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT DC GENERATORS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- S SOLDER OR DESOLDER P C BOARDS
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 M0629 A ALIGN FREQUENCY DIVISION MULTIPLEXERS
- 0 N0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 N0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 N0734 K ISOLATE MALFUNCTIONS IN BALLAST PANELS
- 0 N0737 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 N0738 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0747 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 N0751 A REMOVE FREQUENCY SHIFT CONVERTERS
- 0 N0752 A REMOVE FREQUENCY SHIFT KEYS
- 0 N0764 A REPAIR MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 N0765 A REPAIR MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 N0776 A REPLACE FREQUENCY SHIFT CONVERTERS
- 0 N0777 A REPLACE FREQUENCY SHIFT KEYS
- 0 O0789 A ADJUST DIRECT CURRENT (DC) TO AUDIO FREQUENCY SHIFT KEYING (FSK) MODEM COMPONENTS

EQUIPMENT ITEM: AN/GGC-38

- 0 00791 A ADJUST DC TO MULTIPLE FREQUENCY SHIFT KEYING (MFSK) MODEM COMPONENTS
- 0 00797 K ISOLATE MALFUNCTIONS IN DC TO AUDIO FSK MODEMS
- 0 00802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON DC TO AUDIO FSK MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1084 A PERFORM PMI ON DIAL LOOP EQUIPMENT
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 H0363 A ADJUST MULTIPLEX SYSTEMS
- 4 H0367 A ALIGN MULTIPLEX SYSTEMS
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0427 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT CONVERTERS TO LRU
- 4 I0428 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT KEYS TO LRU
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0478 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER LRU
- 4 K0554 A ALIGN FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 4 K0556 A ALIGN MULTIPLEX EQUIPMENT DISCRETE PARTS
- 4 K0564 A ALIGN TONE KEYS AND CONVERTER PARTS
- 4 K0595 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 M0446 A ALIGN FREQUENCY DIVISION MULTIPLEXERS
- 6 M0448 A ALIGN FREQUENCY SHIFT CONVERTER COMPONENTS
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0456 A ALIGN TELETYPE MULTIPLEXER COMPONENTS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0466 K ISOLATE MALFUNCTIONS IN FREQUENCY DIVISION MULTIPLEXERS
- 6 M0468 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 6 M0478 K ISOLATE MALFUNCTIONS IN TELETYPE MULTIPLEXERS
- 6 M0496 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON FREQUENCY DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0497 A PERFORM PMIS ON FREQUENCY DIVISION MULTIPLEXERS
- 6 M0499 A PERFORM PMIS ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0500 A PERFORM PMIS ON TELETYPE MULTIPLEXERS
- 6 O0529 K ISOLATE MALFUNCTIONS TO LEVEL CONVERTERS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/GRC-203

- A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU) AND MODULES
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY BASEBAND AMPLIFIER
- K ISOLATE FAULTY IFD MODULE
- K TROUBLESHOOT WAVE GENERATING CIRCUITS

EQUIPMENT ITEM: AN/GRC-203

- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0418 A PERFORM PHI ON DIGITAL RECEIVERS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0528 A BENCH CHECK VHF TRANSCEIVERS
- 6 H0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0671 A PERFORM PHIS ON LOW SPEED PRINTERS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS

EQUIPMENT ITEM: AN/GSC-47

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVEGUIDES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE LOGIC PULSER
- S USE SPECTRUM ANALYZER
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0167 A PERFORM EMERGENCY POWER CHANGEOVERS
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0172 A PERFORM IDLE CHANNEL NOISE TESTS
- 0 G0173 A PERFORM IMPULSE NOISE TESTS
- 0 G0177 A PERFORM NOISE FIGURE TESTS
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOI MEASUREMENTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 G0190 A PERFORM FREQUENCY MODULATION (FM) QUIETING CURVES
- 0 G0191 A RECORD HOURLY MEASUREMENTS TO DETERMINE SIGNAL QUALITY
- 0 I0217 K ISOLATE MALFUNCTIONS IN RADIO RELAY PECULIAR TEST EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS

EQUIPMENT ITEM: AN/GSC-47

- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 I0256 A REPLACE PRIME POWER GENERATORS
- 0 J0266 A ADJUST FEEDHORN ASSEMBLY COMPONENTS
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0297 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0324 A REMOVE FEEDHORN ASSEMBLIES
- 0 J0347 A REPLACE FEEDHORN ASSEMBLIES
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0368 A ADJUST SUPER HIGH FREQUENCY (SHF) RECEIVER RF AMPLIFIER
- 0 K0381 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE DETECTORS
- 0 K0420 A PERFORM PHI ON FM RECEIVERS
- 0 K0447 A REMOVE SOLID-STATE PILOT TONE DETECTORS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0490 A REPLACE SOLID-STATE PILOT TONE DETECTORS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0550 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE SHF TRANSMITTERS
- 0 L0565 A PERFORM PHI ON FM SHF TRANSMITTERS
- 0 L0579 A REMOVE SOLID-STATE POWER MONITORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0624 A ADJUST PILOT GENERATOR COMPONENTS
- 0 M0641 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0642 K ISOLATE MALFUNCTIONS IN SOLID-STATE PULSE CODE MODULATION (PCM) MULTIPLEXERS
- 0 M0661 A PERFORM PHI ON TIME DIVISION MULTIPLEXERS
- 0 M0676 A REMOVE SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0677 A REMOVE SOLID-STATE OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0678 A REMOVE SOLID-STATE PILOT GENERATORS
- 0 M0679 A REMOVE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0683 A REMOVE SOLID-STATE PCM MULTIPLEXERS
- 0 M0713 A REPLACE SOLID-STATE PILOT GENERATORS
- 0 M0716 A REPLACE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0718 A REPLACE SOLID-STATE PCM MULTIPLEXERS
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0985 A ADJUST LINE EQUALIZER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1078 A PERFORM PHI ON AMPLIFIERS
- 0 Q1082 A PERFORM PHI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1099 A PERFORM PHI ON PA SYSTEMS
- 0 Q1121 A REMOVE ATTENUATORS

EQUIPMENT ITEM: AN/GSC-47

- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1148 A REMOVE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1153 A REMOVE SOLID-STATE AFC
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1298 A OPERATE POWER GENERATORS
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1313 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1363 A PERFORM PATH PROFILES TO CHECK PAT'I CLEARANCE AND TAKEOFF ANGLES
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1365 A PERFORM PREIMPLEMENTATION DOCUMENTATION
- 0 S1366 A PERFORM PREIMPLEMENTATION SURVEYS
- 0 S1381 A REMOVE STATION GROUNDING SYSTEMS
- 0 S1386 A SELECT COMMUNICATION SITES FOR LINE OF SIGHT LINKS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0282 A INSTALL COMMUNICATIONS PATCH PANELS
- 4 G0294 A INSTALL MULTIPLE CHANNEL FM RECEIVERS
- 4 G0295 A INSTALL MULTIPLE CHANNEL FM TRANSCEIVERS
- 4 G0296 A INSTALL MULTIPLE CHANNEL FM TRANSMITTERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 J0514 A BENCH CHECK MULTIPLE CHANNEL POWER AMPLIFIERS OR SUBASSEMBLIES
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0575 A BENCH CHECK MULTIPLEX SYSTEM COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0160 A PERFORM EMERGENCY POWER CHANGEOVERS
- 6 G0161 A PERFORM GENERATOR OPERATION, EXCLUDING EMERGENCY POWER CHANGEOVERS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0163 A PERFORM RECEIVE LINK GAIN CHECKS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0237 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 6 J0252 A PERFORM PHIS ON INTERLOCK SAFETY EQUIPMENT
- 6 K0288 K ISOLATE MALFUNCTIONS IN PILOT TONE DETECTORS
- 6 L0326 K ISOLATE MALFUNCTIONS IN DIGITAL INTERFACE UNITS (DIU)
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0475 K ISOLATE MALFUNCTIONS IN PCM MULTIPLEXERS
- 6 M0476 K ISOLATE MALFUNCTIONS IN PILOT TONE AMPLIFIERS
- 6 M0479 K ISOLATE MALFUNCTIONS IN TIME DIVISION MULTIPLEXERS
- 6 M0498 A PERFORM PHIS ON PCM MULTIPLEXERS
- 6 M0502 A PERFORM PHIS ON TIME DIVISION MULTIPLEXERS
- 6 M0503 A REMOVE OR REPLACE MULTIPLEXER COMPONENTS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0628 K ISOLATE MALFUNCTIONS IN BASEBAND AMPLIFIERS
- 6 Q0668 A PERFORM PHIS ON FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: AN/GSC-47

- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 6 S0738 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS

EQUIPMENT ITEM: AN/GSM-266

- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY PULSE MODULATION TRANSMITTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K DEVELOP BOOLEAN EQUATIONS FROM LOGIC CIRCUITS OR DIAGRAMS
- K DEVELOP LOGIC DIAGRAMS FROM BOOLEAN EQUATIONS
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY CONVERTERS (D/A OR A/D)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS

EQUIPMENT ITEM: AN/GSM-266

- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM BINARY CONVERSIONS
- K PERFORM BINARY MATH OPERATION
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM HEXADECIMAL MATH OPERATION
- K PERFORM OCTAL CONVERSIONS
- K PERFORM OCTAL MATH OPERATION
- K SIMPLIFY EXPRESSIONS USING BOOLEAN ALGEBRA
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS

- 0 G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0727 A ADJUST FREQUENCY SHIFT KEYSER COMPONENTS
- 0 P0841 A INSTALL CODER MULTIPLEXER SENSOR DATA (CHSD) CIRCUIT BOARDS
- 0 P0844 K ISOLATE MALFUNCTIONS IN DISPLAY SENSOR DATA
- 0 P0847 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM ANNUNCIATORS
- 0 P0849 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM COMMUNICATION CONTROL CONSOLES
- 0 P0851 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM DIGITAL DATA RECEIVERS
- 0 P0863 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM SENSOR MULTIPLEXERS
- 0 P0869 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM VOICE COMMUNICATION SYSTEMS
- 0 P0870 K ISOLATE MALFUNCTIONS IN CHSD PRINTED CIRCUIT BOARD TO COMPONENTS
- 0 P0871 K ISOLATE SYSTEM MALFUNCTIONS TO CODER MULTIPLEXER SENSOR DATA
- 0 P0877 A REMOVE SECURITY SYSTEM ANNUNCIATORS
- 0 P0881 A REMOVE SECURITY SYSTEM DIGITAL DATA RECEIVERS
- 0 P0900 A REMOVE CHSD
- 0 P0901 A REMOVE CHSD CIRCUIT BOARDS
- 0 P0933 A REPLACE SECURITY SYSTEM ANNUNCIATORS
- 0 P0937 A REPLACE SECURITY SYSTEM DIGITAL DATA RECEIVERS
- 0 P0949 A REPLACE SECURITY SYSTEM SENSOR DATA DECODERS
- 0 P0950 A REPLACE SECURITY SYSTEM SENSOR MULTIPLEXERS
- 0 P0956 A REPLACE CHSD
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 I0482 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT LRU

EQUIPMENT ITEM: AN/GPS-15

- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION

EQUIPMENT ITEM: AN/GPS-15

- K APPLY MOSFET THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 N0742 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 0 P0820 A ADJUST SECURITY SYSTEM DOPPLER SENSOR SYSTEM COMPONENTS
- 0 P0850 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM CONTROL POWER SUPPLIES
- 0 P0852 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM DOPPLER SENSOR SYSTEMS
- 0 P0873 A PERFORM PMI ON SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 P0882 A REMOVE SECURITY SYSTEM DOPPLER SENSOR SYSTEM
- 0 P0888 A REMOVE SECURITY SYSTEM MICROWAVE DOPPLER CIRCUITS
- 0 P0936 A REPLACE SECURITY SYSTEM CONTROL POWER SUPPLIES
- 0 P0938 A REPLACE SECURITY SYSTEM DOPPLER DETECTORS
- 0 P0945 A REPLACE SECURITY SYSTEM MICROWAVE DOPPLER CIRCUITS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1125 A REMOVE BATTERY CHARGING SYSTEMS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 M0674 A REMOVE OR INSTALL RTHN COMPONENTS
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/GSQ-199

- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY ALTERNATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC GENERATOR THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION

EQUIPMENT ITEM: AN/GSQ-199

- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAGNETIC AMPLIFIER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSDUCER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY AC GENERATORS
- K ISOLATE FAULTY ALTERNATORS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CHOPPERS (SYNCHRONOUS VIBRATORS)
- K ISOLATE FAULTY CONVERTERS (D/A OR A/D)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DC GENERATORS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY MAGNETIC AMPLIFIERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY PHOTOSENSITIVE DEVICES
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSDUCERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AC GENERATORS

EQUIPMENT ITEM: AN/GSQ-199

- K TROUBLESHOOT ALTERNATORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DC GENERATORS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT LOGIC CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS

- 0 I0221 A PERFORM CIRCUIT MODIFICATIONS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 P0817 A ADJUST SECURITY SYSTEM COMMUNICATION CONTROL CONSOLE COMPONENTS
- 0 P0834 A ADJUST SECURITY SYSTEM SUBCYCLE RING GENERATOR COMPONENTS
- 0 P0849 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM COMMUNICATION CONTROL CONSOLES
- 0 P0869 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM VOICE COMMUNICATION SYSTEMS
- 0 P0872 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON PERIMETER SECURITY SYSTEMS
- 0 P0935 A REPLACE SECURITY SYSTEM COMMUNICATION CONTROL CONSOLES
- 0 P0951 A REPLACE SECURITY SYSTEM SUBCYCLE RING GENERATORS
- 0 Q0967 A ADJUST BATTERY CHARGING SYSTEM COMPONENTS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1099 A PERFORM PMI ON PA SYSTEMS
- 0 Q1157 A REMOVE SOLID-STATE VHF MIXERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS

EQUIPMENT ITEM: AN/GSS-26A

- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY TRANSDUCER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K ISOLATE FAULTY TRANSDUCERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS

- 0 P0816 A ADJUST SECURITY SYSTEM AREA SENSOR SYSTEM COMPONENTS
- 0 P0827 A ADJUST SECURITY SYSTEM LINE SENSOR SYSTEM COMPONENTS
- 0 P0872 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON PERIMETER SECURITY SYSTEMS
- 0 P0891 A REMOVE SECURITY SYSTEM SEISMIC SENSOR SYSTEMS
- 0 P0949 A REPLACE SECURITY SYSTEM SENSOR DATA DECODERS
- 0 P0861 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM SEISMIC SENSOR SYSTEMS

EQUIPMENT ITEM: AN/GSS-37

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE DIODES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE JFET
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES

EQUIPMENT ITEM: AN/GSS-37

- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE MULTIVIBRATORS
- A REMOVE OR REPLACE OSCILLATORS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY JFET
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS

EQUIPMENT ITEM: AN/GSS-37

- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S USE ANALOG VOLTMETER

- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0228 A REMOVE AND REPLACE DESICCANTS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 P0840 A ALIGN SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 P0845 K ISOLATE MALFUNCTIONS IN MICROWAVE FENCE SYSTEMS
- 0 P0848 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 P0872 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON PERIMETER SECURITY SYSTEMS
- 0 P0873 A PERFORM PMI ON SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 P0875 A REMOVE MICROWAVE FENCE SYSTEMS
- 0 P0878 A REMOVE SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 P0931 A REPLACE MICROWAVE FENCE SYSTEMS
- 0 P0934 A REPLACE SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 6 J0255 A REMOVE OR REPLACE ANTENNA LIGHTS

EQUIPMENT ITEM: AN/GSS-39

- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CONVERTERS (D/A OR A/D)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY PHOTSENSITIVE DEVICES
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS

EQUIPMENT ITEM: AN/GSS-39

- K ISOLATE FAULTY VOLTAGE REGULATORS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- O P0820 A ADJUST SECURITY SYSTEM DOPPLER SENSOR SYSTEM COMPONENTS
- O P0847 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM ANNUNCIATORS
- O P0852 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM DOPPLER SENSOR SYSTEMS
- O P0858 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM MICROWAVE
- O P0873 A PERFORM PMI ON SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- O Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS

EQUIPMENT ITEM: AN/GXS-2

- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CATHODE RAY TUBES (CRT)
- A REMOVE OR REPLACE COMBINATIONAL LOGIC CIRCUITS
- A REMOVE OR REPLACE COMPUTER SUBASSEMBLIES
- A REMOVE OR REPLACE DISPLAY TUBES
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MULTIVIBRATORS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE OSCILLATORS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY DISPLAY TUBE THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY CONVERTERS (D/A OR A/D)
- K ISOLATE FAULTY DC CIRCUITS

EQUIPMENT ITEM: AN/GXS-2

- K ISOLATE FAULTY DIGITAL LOGIC CIRCUITS
- K ISOLATE FAULTY DISPLAY TUBES
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY PHOTOSENSITIVE DEVICES
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT COMPUTER SUBASSEMBLIES
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT LOGIC CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S ASSEMBLE COAXIAL CONNECTORS
- S ASSEMBLE MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S SOLDER/DESOLDER COAXIAL CONNECTORS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 P0835 A ADJUST SECURITY SYSTEM TELEVISION CAMERA COMPONENTS
- 0 P0836 A ADJUST SECURITY SYSTEM TELEVISION MONITOR COMPONENTS
- 0 P0837 A ADJUST SECURITY SYSTEM TELEVISION SWITCHING MATRIX UNIT COMPONENTS
- 0 P0839 A ADJUST SECURITY SYSTEM VOICE COMMUNICATION SYSTEM COMPONENTS
- 0 P0865 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM TELEVISION CAMERAS
- 0 P0866 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM TELEVISION MONITORS
- 0 P0867 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM TELEVISION SWITCHING MATRIX UNITS
- 0 P0868 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM TELEVISION VIDEO AMPLIFIER
- 0 P0874 A PERFORM PHI ON TELEVISION SECURITY SYSTEMS
- 0 P0895 A REMOVE SECURITY SYSTEM TELEVISION CAMERAS
- 0 P0896 A REMOVE SECURITY SYSTEM TELEVISION MONITORS
- 0 P0897 A REMOVE SECURITY SYSTEM TELEVISION SWITCHING MATRIX UNITS
- 0 P0898 A REMOVE SECURITY SYSTEM TELEVISION VIDEO AMPLIFIERS
- 0 P0952 A REPLACE SECURITY SYSTEM TELEVISION CAMERAS
- 0 P0953 A REPLACE SECURITY SYSTEM TELEVISION MONITORS
- 0 P0954 A REPLACE SECURITY SYSTEM TELEVISION SWITCHING MATRIX UNITS
- 0 P0955 A REPLACE SECURITY SYSTEM TELEVISION VIDEO AMPLIFIERS
- 0 T1399 A ADJUST VIDEO BOARDS
- 0 T1400 A ADJUST VIDEO CIRCUITS

EQUIPMENT ITEM: AN/GXS-2

- 0 T1401 A ADJUST VIDEO DISPLAY MONITORS
- 0 T1402 A ADJUST VIDEO DISTRIBUTION AMPLIFIERS
- 0 T1403 A ALIGN CAMERA CIRCUITS
- 0 T1406 K ISOLATE CAMERA FAULTS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 0 T1412 A PERFORM PMI ON VIDEO DISTRIBUTION AMPLIFIERS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES

EQUIPMENT ITEM: MD-674(P)

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY LOGIC CIRCUIT COUNTER THEORY OF OPERATION
- K APPLY LOGIC CIRCUIT REGISTER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY COMBINATIONAL LOGIC CIRCUITS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT COMBINATIONAL LOGIC CIRCUITS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS

EQUIPMENT ITEM: MD-674(P)

- K TROUBLESHOOT TTL LOGIC FAMILIES
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- S SOLDER OR DESOLDER P C BOARDS
- 0 G0158 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH AND TEST FACILITIES
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 Q0797 K ISOLATE MALFUNCTIONS IN DC TO AUDIO FSK MODEMS
- 0 Q0802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON DC TO AUDIO FSK MODEMS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1258 A REPLACE VOLTAGE CONTROLLED OSCILLATORS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 G0154 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH OR TEST FACILITIES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 Q0533 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 Q0534 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEMS
- 6 Q0538 K ISOLATE MALFUNCTIONS WITHIN WIDE BAND M,ARY FSK MODEMS
- 6 Q0545 A PERFORM OPERATIONAL TESTS ON WIDE BAND M,ARY FSK MODEMS
- 6 Q0554 A PERFORM PMIS ON WIDE BAND M,ARY FSK MODEMS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS

EQUIPMENT ITEM: MD-701

- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MULTIVIBRATORS
- A REMOVE OR REPLACE OSCILLATORS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DIGITAL LOGIC CIRCUITS

EQUIPMENT ITEM: MD-701

- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S SOLDER/DESOLDER MULTIPIN CONNECTORS
- S USE VACUUM TUBE VOLTMETER

- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0445 A REMOVE SOLID-STATE LIMITERS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0645 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 M0680 A REMOVE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 M0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 M0737 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 M0742 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 0 M0751 A REMOVE FREQUENCY SHIFT CONVERTERS
- 0 M0752 A REMOVE FREQUENCY SHIFT KEYS
- 0 M0756 A REMOVE NEUTRAL DC POWER SUPPLIES
- 0 M0757 A REMOVE POLAR DC POWER SUPPLIES
- 0 M0777 A REPLACE FREQUENCY SHIFT KEYS
- 0 M0781 A REPLACE NEUTRAL DC POWER SUPPLIES
- 0 M0782 A REPLACE POLAR DC POWER SUPPLIES
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 O0797 K ISOLATE MALFUNCTIONS IN DC TO AUDIO FSK MODEMS
- 0 O0802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON DC TO AUDIO FSK MODEMS
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 O0811 A REPLACE DIGITAL MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1015 K ISOLATE MALFUNCTIONS IN BINARY-TO-ANALOG CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1103 A REMOVE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1126 A REMOVE BINARY-TO-ANALOG CONVERTERS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS

EQUIPMENT ITEM: MD-701

- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0458 A OPERATIONALLY CHECK FREQUENCY SHIFT EXCITERS
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 K0564 A ALIGN TONE KEYS AND CONVERTER PARTS
- 4 K0607 A REMOVE OR INSTALL TONE KEYS AND CONVERTER PARTS
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0448 A ALIGN FREQUENCY SHIFT CONVERTER COMPONENTS
- 6 M0468 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 6 M0473 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 M0530 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEM CONTROLS
- 6 M0531 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEMS
- 6 M0535 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEMS
- 6 M0542 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEM CONTROLS
- 6 M0543 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEMS
- 6 M0550 A PERFORM PHIS ON NARROW BAND FSK MODEM CONTROLS
- 6 M0551 A PERFORM PHIS ON NARROW BAND FSK MODEMS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: MDR-8-5N

- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY PULSE MODULATION TRANSMITTER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- K TROUBLESHOOT VOLTAGE REGULATORS
- S USE SPECTRUM ANALYZER
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT

EQUIPMENT ITEM: MDR-8-5N

- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0377 K ISOLATE MALFUNCTIONS IN PRESELECTORS
- 0 K0378 K ISOLATE MALFUNCTIONS IN SOLID-STATE DOWN CONVERTERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0418 A PERFORM PMI ON DIGITAL RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0443 A REMOVE PRESELECTORS
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0486 A REPLACE PRESELECTORS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0550 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE SHF TRANSMITTERS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0579 A REMOVE SOLID-STATE POWER MONITORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0638 K ISOLATE MALFUNCTIONS IN SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1258 A REPLACE VOLTAGE CONTROLLED OSCILLATORS
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 H0398 A REMOVE OR INSTALL MICROWAVE SYSTEM LRU
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 N0649 K ISOLATE MALFUNCTIONS WITHIN TELEMETRY RECEIVERS OR COMPONENTS
- 4 N0650 K ISOLATE MALFUNCTIONS WITHIN TELEMETRY TRANSMITTERS OR COMPONENTS
- 4 N0675 A REMOVE OR INSTALL TELEMETRY RECEIVER COMPONENTS
- 4 N0676 A REMOVE OR INSTALL TELEMETRY TRANSMITTER COMPONENTS
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS

EQUIPMENT ITEM: MDR-8-5N

- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0304 A REMOVE OR REPLACE DOWN CONVERTERS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0401 A PERFORM PMIS ON TWT SHF TRANSMITTERS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0435 A REMOVE OR REPLACE TWT SHF TRANSMITTERS
- 6 L0436 A REMOVE OR REPLACE TWTs
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS

EQUIPMENT ITEM: AN/TRC-170

- A ALIGN ANTENNAS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE WAVEGUIDES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY WAVEGUIDES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT FM MODULATION TRANSMITTERS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT WAVEGUIDES
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0177 A PERFORM NOISE FIGURE TESTS
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0301 K ISOLATE MALFUNCTIONS IN QUICK REACTION ANTENNAS
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS

EQUIPMENT ITEM: AN/TRC-170

- 0 J0312 A PERFORM PHI ON QUICK REACTION ANTENNAS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0355 A ADJUST HIGH FREQUENCY (HF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0420 A PERFORM PHI ON FM RECEIVERS
- 0 K0443 A REMOVE PRESELECTORS
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0486 A REPLACE PRESELECTORS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0565 A PERFORM PHI ON FM SHF TRANSMITTERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0603 A REPLACE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0680 A REMOVE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 O0811 A REPLACE DIGITAL MODEMS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1078 A PERFORM PHI ON AMPLIFIERS
- 0 Q1103 A REMOVE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1121 A REMOVE ATTENUATORS
- 0 Q1128 A REMOVE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1139 A REMOVE REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1218 A REPLACE ATTENUATORS
- 0 Q1225 A REPLACE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1234 A REPLACE PATCH PANELS
- 0 Q1235 A REPLACE SELECTIVE SIGNALING SUBSYSTEMS, OTHER THAN ORDERWIRE
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 Q1316 A POSITION GENERATORS
- 0 R1321 A REMOVE CABLING BETWEEN SITE VANS
- 0 T1397 A ADJUST RECEIVE EQUALIZERS
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 H0398 A REMOVE OR INSTALL MICROWAVE SYSTEM LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0636 A REMOVE OR INSTALL LRU OF MOBILE ANTENNA SYSTEMS
- 6 G0163 A PERFORM RECEIVE LINK GAIN CHECKS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 J0268 A REMOVE OR REPLACE PARABOLIC ANTENNA COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES

EQUIPMENT ITEM: AN/TRC-170

- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0297 A PERFORM PHIS ON DOWN CONVERTERS
- 6 K0304 A REMOVE OR REPLACE DOWN CONVERTERS
- 6 K0305 A REMOVE OR REPLACE NOISE TEST SETS
- 6 L0313 A ADJUST UP CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 L0327 A ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0335 K ISOLATE MALFUNCTIONS IN UP CONVERTERS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0418 A REMOVE OR REPLACE KLYSTRON AMPLIFIERS
- 6 Q0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 Q0555 A REMOVE OR REPLACE DUAL MODEM COMPONENTS, SUCH AS POWER SUPPLIES
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0668 A PERFORM PHIS ON FREQUENCY SYNTHESIZERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0690 A REMOVE OR REPLACE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0692 A REMOVE OR REPLACE PATCH PANELS
- 6 Q0694 A REMOVE OR REPLACE POWER DISTRIBUTION PANEL COMPONENTS
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS

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- A ALIGN ANTENNAS
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC GENERATORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE COMBINATIONAL LOGIC CIRCUITS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RAMP A-D CONVERTERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS

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- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TTL LOGIC FAMILIES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY LOGIC CIRCUIT COUNTER THEORY OF OPERATION
- K APPLY LOGIC CIRCUIT REGISTER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY COMBINATIONAL LOGIC CIRCUITS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RAMP A-D CONVERTERS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR

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- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K PERFORM TRANSMISSION POWER CALCULATIONS
- K TROUBLESHOOT COMBINATIONAL LOGIC CIRCUITS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RAMP A-D CONVERTERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT TTL LOGIC FAMILIES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE SPECTRUM ANALYZER
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0221 A PERFORM CIRCUIT MODIFICATIONS
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0241 A REMOVE PRIME POWER GENERATORS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 J0267 A ADJUST HELIX ANTENNA COMPONENTS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0298 K ISOLATE MALFUNCTIONS IN HELIX ANTENNAS
- 0 J0310 A PERFORM PMI ON HELIX ANTENNAS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS
- 0 K0365 A ADJUST RECEIVER FREQUENCY MODULATION (FM) DETECTORS COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0370 A ADJUST ULTRA HIGH FREQUENCY (UHF) RECEIVE RF AMPLIFIER COMPONENTS
- 0 K0377 K ISOLATE MALFUNCTIONS IN PRESELECTORS
- 0 K0443 A REMOVE PRESELECTORS
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS

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- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0461 A REMOVE UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0486 A REPLACE PRESELECTORS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 K0504 A REPLACE UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0523 A ADJUST ULTRA HIGH FREQUENCY (UHF) POWER AMPLIFIER COMPONENTS
- 0 L0528 A ALIGN AM UHF TRANSMITTERS
- 0 L0531 A ALIGN FM SHF TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0551 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE UHF TRANSMITTERS EXCITERS
- 0 L0566 A PERFORM PHI ON FM UHF TRANSMITTERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 L0581 A REMOVE SOLID-STATE FM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0584 A REMOVE UHF POWER AMPLIFIERS
- 0 L0602 A REPLACE AIR COOLING SYSTEMS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 L0614 A REPLACE UHF POWER AMPLIFIERS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 N0724 A ADJUST COMPONENTS IN CRYPTOGRAPHIC DEVICES
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0729 A ADJUST LEVEL CONVERTERS
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 N0736 K ISOLATE MALFUNCTIONS IN CRYPTOGRAPHIC DEVICES
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0750 A REMOVE BATTERY ISOLATION RELAY ASSEMBLIES
- 0 N0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 O0786 A ADJUST DIGITAL MODEMS
- 0 O0790 A ADJUST DC TO AUDIO PHASE SHIFT KEYING (PSK) MODEM COMPONENTS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 O0811 A REPLACE DIGITAL MODEMS
- 0 P0869 K ISOLATE MALFUNCTIONS IN SECURITY SYSTEM VOICE COMMUNICATION SYSTEMS
- 0 P0899 A REMOVE SECURITY SYSTEM VOICE COMMUNICATION SYSTEMS
- 0 P0936 A REPLACE SECURITY SYSTEM CONTROL POWER SUPPLIES
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0967 A ADJUST BATTERY CHARGING SYSTEM COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0985 A ADJUST LINE EQUALIZER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS

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- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1022 K ISOLATE MALFUNCTIONS IN FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1024 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1040 K ISOLATE MALFUNCTIONS IN SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1050 K ISOLATE MALFUNCTIONS IN SPEAKER SYSTEMS
- 0 Q1072 K ISOLATE MALFUNCTIONS IN PA SYSTEMS
- 0 Q1075 K ISOLATE MALFUNCTIONS TO CRYPTOGRAPHIC EQUIPMENT
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1091 A PERFORM PMI ON LINE AMPLIFIERS
- 0 Q1097 A PERFORM PMI ON SPEAKER SYSTEMS
- 0 Q1103 A REMOVE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1125 A REMOVE BATTERY CHARGING SYSTEMS
- 0 Q1128 A REMOVE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1153 A REMOVE SOLID-STATE AFC
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1156 A REMOVE SOLID-STATE UHF MIXERS
- 0 Q1158 A REMOVE SPEAKER SYSTEMS
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1222 A REPLACE BATTERY CHARGING SYSTEMS
- 0 Q1225 A REPLACE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1230 A REPLACE LINE AMPLIFIERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1243 A REPLACE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 Q1251 A REPLACE SOLID-STATE UHF MIXERS
- 0 Q1253 A REPLACE SPEAKER SYSTEMS
- 0 Q1257 A REPLACE TRANSCEIVERS
- 0 Q1258 A REPLACE VOLTAGE CONTROLLED OSCILLATORS
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1313 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 S1363 A PERFORM PATH PROFILES TO CHECK PATH CLEARANCE AND TAKEOFF ANGLES
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1365 A PERFORM PREIMPLEMENTATION DOCUMENTATION
- 0 S1366 A PERFORM PREIMPLEMENTATION SURVEYS
- 0 S1368 A PERFORM SCHEME REVIEWS
- 0 S1374 A PREPARE POST-INSTALLATION DOCUMENTATION
- 0 S1375 A PREPARE PREINSTALLATION DOCUMENTATION
- 0 S1377 A PREPARE SITE FOR EQUIPMENT INSTALLATION
- 0 S1381 A REMOVE STATION GROUNDING SYSTEMS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1398 A ADJUST TRANSMIT EQUALIZERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0275 A ADJUST EXTERNAL CONTROL OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0308 A INSTALL MULTIPLE CHANNEL UHF RECEIVERS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0324 A INSTALL RADIO-TELETYPE SYSTEMS

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- 4 G0343 A INSTALL SPEAKERS OR PUBLIC ADDRESS SYSTEMS
- 4 G0348 A INSTALL UHF LINEAR POWER AMPLIFIERS
- 4 G0359 A PREPARE INSTALLATION RECORDS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 I0409 A ADJUST FIXED ANTENNA PREAMPLIFIERS
- 4 I0412 A ALIGN FIXED ANTENNA PREAMPLIFIERS
- 4 I0420 K ISOLATE MALFUNCTIONS WITHIN BATTERY CHARGERS TO LRU
- 4 I0429 K ISOLATE MALFUNCTIONS WITHIN GENERATORS OR BACKUP POWER SUPPLIES TO LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0454 A OPERATIONALLY CHECK EMERGENCY POWER SUPPLIES
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0540 A REMOVE OR INSTALL RADIO-TELETYPE EQUIPMENT PARTS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0561 A ALIGN ROTATING ANTENNA EQUIPMENT DISCRETE PARTS
- 4 K0569 A BENCH CHECK BATTERY CHARGERS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0597 A REMOVE OR INSTALL MICROPHONE DISCRETE PARTS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 4 M0617 A ADJUST MOBILE ANTENNA SYSTEMS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 4 M0624 A INSTALL VEHICLE MOUNTED ANTENNA SYSTEMS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0245 K ISOLATE MALFUNCTIONS TO POWER DIVIDER ASSEMBLIES
- 6 J0248 A PERFORM MANUAL TRACKING FUNCTIONS
- 6 J0251 A PERFORM PMIS ON HELIX ANTENNAS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0266 A REMOVE OR REPLACE HELIX ANTENNA COMPONENTS
- 6 J0270 A REMOVE OR REPLACE RECEIVE SPLITTER COMPONENTS
- 6 K0277 A ADJUST ULTRA HIGH FREQUENCY (UHF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 K0289 K ISOLATE MALFUNCTIONS IN POWER DIVIDER ASSEMBLIES
- 6 K0301 A PERFORM PMIS ON UHF RECEIVE RF AMPLIFIERS
- 6 K0308 A REMOVE OR REPLACE POWER DIVIDER ASSEMBLIES
- 6 L0313 A ADJUST UP CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 L0314 A ADJUST UP CONVERTERS TO SPECIFIC OUTPUT LEVELS
- 6 L0318 A ALIGN RADIO FREQUENCY (RF) POWER, INTERMEDIATE POWER, OR TRANSMIT INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 L0321 A ALIGN TRANSMIT POWER MONITORS
- 6 L0322 A ALIGN ULTRA HIGH FREQUENCY (UHF) RECEIVER-TRANSMITTERS (RT)
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0352 K ISOLATE MALFUNCTIONS TO LINE VOLTAGE REGULATORS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0381 A PERFORM OPERATIONAL TESTS ON COMMAND POST SYNCHRONIZERS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS

EQUIPMENT ITEM: AN/TSC-102

- 6 L0402 A PERFORM PMIS ON UHF TRANSMITTERS
- 6 L0406 A REMOVE OR REPLACE COMSEC CONTROLS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS
- 6 L0437 A REMOVE OR REPLACE UHF POWER AMPLIFIER COMPONENTS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0482 K ISOLATE MALFUNCTIONS TO CARRIER GENERATORS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 N0514 A PERFORM NETWORK OPERATION (NT)
- 6 O0529 K ISOLATE MALFUNCTIONS TO LEVEL CONVERTERS
- 6 O0549 A PERFORM PMIS ON DUAL MODEMS
- 6 O0555 A REMOVE OR REPLACE DUAL MODEM COMPONENTS, SUCH AS POWER SUPPLIES
- 6 P0571 K ISOLATE MALFUNCTIONS IN SILICON CONTROL RECTIFIER (SCR) CABINETS
- 6 P0600 A REMOVE OR REPLACE SCR COMPONENTS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0611 A ALIGN BUFFER OR ISOLATION AMPLIFIER COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0613 A ALIGN DISTRIBUTION AMPLIFIER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0665 A PERFORM PMIS ON CRYPTO EQUIPMENT
- 6 Q0668 A PERFORM PMIS ON FREQUENCY SYNTHESIZERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0688 A REMOVE OR REPLACE LINE AMPLIFIERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0699 A REMOVE OR REPLACE UHF MIXERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 S0739 A PERFORM OPERATOR MAINTENANCE ON POWERED VEHICLES

EQUIPMENT ITEM: WD15

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLENOIDS
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION

EQUIPMENT ITEM: WD15

- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLENOIDS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SOLENOIDS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 J0286 A INSPECT WAVEGUIDES
- 0 J0292 K ISOLATE MALFUNCTIONS IN DEHYDRATORS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0319 A REMOVE DEHYDRATORS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0342 A REPLACE DEHYDRATORS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 4 K0594 A REMOVE OR INSTALL FIXED ANTENNA SYSTEM DISCRETE PARTS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0210 A REMOVE OR REPLACE DESICCANTS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0221 A REMOVE OR REPLACE PURIFICATION FILTERS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0262 A REMOVE OR REPLACE DEHYDRATORS OR PRESSURIZERS
- 6 L0437 A REMOVE OR REPLACE UHF POWER AMPLIFIER COMPONENTS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS

EQUIPMENT ITEM: 46A3

- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT VOLTAGE REGULATORS

- 0 G0158 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH AND TEST FACILITIES
- 0 G0160 A PERFORM BASEBAND LOADING
- 0 G0172 A PERFORM IDLE CHANNEL NOISE TESTS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0541 K ISOLATE MALFUNCTIONS IN SOLID-STATE POWER MONITORS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 M0617 A ADJUST DELAY EQUALIZER COMPONENTS
- 0 M0625 A ADJUST PILOT TONE AMPLIFIER COMPONENTS
- 0 M0628 A ADJUST E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0629 A ALIGN FREQUENCY DIVISION MULTIPLEXERS
- 0 M0635 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY DIVISION MULTIPLEXERS
- 0 M0639 K ISOLATE MALFUNCTIONS IN SOLID-STATE OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0659 A PERFORM PMI ON FREQUENCY DIVISION MULTIPLEXERS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0773 A REPAIR MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0987 A ADJUST MULTIPLIER COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1146 A REMOVE SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 H0363 A ADJUST MULTIPLEX SYSTEMS
- 4 H0367 A ALIGN MULTIPLEX SYSTEMS
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 J0536 A REMOVE OR INSTALL MULTIPLE CHANNEL EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 6 G0154 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH OR TEST FACILITIES
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 M0439 A ALIGN AUTOMATIC CARRIER GENERATOR COMPONENTS
- 6 M0443 A ALIGN DELAY EQUALIZER COMPONENTS

EQUIPMENT ITEM: 46A3

- 6 M0444 A ALIGN E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0455 A ALIGN SYNC OR PILOT GENERATOR COMPONENTS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0474 K ISOLATE MALFUNCTIONS IN OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0484 K ISOLATE MALFUNCTIONS TO E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0486 K ISOLATE MALFUNCTIONS TO FREQUENCY DIVISION MULTIPLEXERS
- 6 M0490 K ISOLATE MALFUNCTIONS TO OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0497 A PERFORM PHIS ON FREQUENCY DIVISION MULTIPLEXERS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0693 A REMOVE OR REPLACE PILOT TONE OSCILLATORS

EQUIPMENT ITEM: AFDIGS

- A APPLY AC CIRCUIT THEORY OF OPERATION
- A APPLY DC CIRCUIT THEORY OF OPERATION
- A APPLY THEORY OF OPERATION OF CHOPPERS (SYNCHRONOUS VIBRATORS)
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 Q0976 A ADJUST FACSIMILE EQUIPMENT COMPONENTS
- 0 Q0997 A ADJUST SYNCHRO (SERVO) SYSTEM COMPONENTS, OTHER THAN SATELLITE TRACKING SYNCHRO (SERVO) SYSTEM COMPONENTS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1019 K ISOLATE MALFUNCTIONS IN FACSIMILE EQUIPMENT
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 4 I0425 K ISOLATE MALFUNCTIONS WITHIN FACSIMILE SYSTEMS TO LRU
- 4 I0448 A OPERATIONALLY CHECK AUTOMATIC RECORDING SYSTEMS
- 4 I0455 A OPERATIONALLY CHECK FACSIMILE SYSTEMS
- 4 I0476 A REMOVE OR INSTALL FACSIMILE EQUIPMENT LRU
- 4 M0634 A REMOVE OR INSTALL FACSIMILE SYSTEM DISCRETE PARTS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING

EQUIPMENT ITEM: CU-547

- A PERFORM BASIC AC CIRCUIT CALCULATIONS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A TUNE OR ADJUST RESONANT CAVITIES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY RESONANT CAVITIES
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- S USE REFLECTOMETER

- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS

EQUIPMENT ITEM: AN/FSC-82

- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0443 A REMOVE PRESELECTORS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0498 A REPLACE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 L0551 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE UHF TRANSMITTERS EXCITERS
- 0 L0566 A PERFORM PMI ON FM UHF TRANSMITTERS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS

EQUIPMENT ITEM: AN/FSC-82

- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0603 A REPLACE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 L0611 A REPLACE SOLID-STATE FM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1091 A PERFORM PMI ON LINE AMPLIFIERS
- 0 Q1133 A REMOVE FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0405 A REMOVE OR INSTALL UHF SYSTEM LRU
- 4 I0417 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC KEYING SYSTEMS TO LINE REPLACEABLE UNITS (LRU)
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0597 A REMOVE OR INSTALL MICROPHONE DISCRETE PARTS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 H0183 A PERFORM ACQUISITION FUNCTIONS
- 6 H0186 A PERFORM TRACKING FUNCTIONS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0668 A PERFORM PMIS ON FREQUENCY SYNTHESIZERS
- 6 Q0670 A PERFORM PMIS ON LINE AMPLIFIERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: AN/GRC-171

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SYNCHRO/SERVOS

EQUIPMENT ITEM: AN/GRC-171

- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SATURABLE REACTOR THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY SATURABLE REACTORS
- K ISOLATE FAULTY TRANSMISSION LINES
- K PERFORM DC CIRCUIT CALCULATIONS
- K REMOVE OR REPLACE SOLID STATE DIODES
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT SATURABLE REACTOR CIRCUITS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K USE METRIC NOTATION
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS

- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q1001 A ADJUST ULTRA HIGH FREQUENCY (UHF) MIXER COMPONENTS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1048 K ISOLATE MALFUNCTIONS IN SOLID-STATE UHF MIXERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS

EQUIPMENT ITEM: AN/GRC-171

- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1145 A REMOVE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1156 A REMOVE SOLID-STATE UHF MIXERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1240 A REPLACE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1251 A REPLACE SOLID-STATE UHF MIXERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/GRC-206

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE WEIGHTED RESISTOR D-A CONVERTERS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION

EQUIPMENT ITEM: AN/GRC-206

- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY WEIGHTED RESISTOR D-A CONVERTERS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE REFLECTOMETER
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- U K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0523 A ADJUST ULTRA HIGH FREQUENCY (UHF) POWER AMPLIFIER COMPONENTS
- 0 L0524 A ADJUST VERY HIGH FREQUENCY (VHF) POWER AMPLIFIER COMPONENTS
- 0 L054 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 M0665 A REMOVE AND REPLACE TUBE TYPE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 N0724 A ADJUST COMPONENTS IN CRYPTOGRAPHIC DEVICES
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0736 K ISOLATE MALFUNCTIONS IN CRYPTOGRAPHIC DEVICES
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1020 K ISOLATE MALFUNCTIONS IN FIBER OPTIC SYSTEMS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1086 A PERFORM PHI ON FIBER OPTIC SYSTEMS
- 0 Q1095 A PERFORM PHI ON REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES

EQUIPMENT ITEM: AN/GRC-206

- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0460 A OPERATIONALLY CHECK INTERCOM SYSTEMS
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0503 A BENCH CHECK HF EXCITERS
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0528 A BENCH CHECK VHF TRANSCEIVERS
- 4 K0574 A BENCH CHECK INTERCOM SYSTEM OR COMPONENTS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0585 A REMOVE OR REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 L0322 A ALIGN ULTRA HIGH FREQUENCY (UHF) RECEIVER-TRANSMITTERS (RT)
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS
- 6 L0437 A REMOVE OR REPLACE UHF POWER AMPLIFIER COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0632 K ISOLATE MALFUNCTIONS IN FIBER OPTIC SYSTEMS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0654 K ISOLATE MALFUNCTIONS TO FIBER OPTIC SYSTEMS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0667 A PERFORM PMIS ON FIBEROPTIC SYSTEMS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 Q0683 A REMOVE OR REPLACE FIBER OPTIC SYSTEMS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 S0739 A PERFORM OPERATOR MAINTENANCE ON POWERED VEHICLES

EQUIPMENT ITEM: AN/GRC-211

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUITS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SATURABLE REACTOR THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K USE METRIC NOTATION
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE OSCILLOSCOPE

EQUIPMENT ITEM: AN/GRC-211

- 0 G0155 A OBSERVE STATUS DISPLAY PANELS TO DETERMINE EQUIPMENT OPERATION (SIGNAL QUALITY)
- 0 G0156 A OBSERVE TEST EQUIPMENT, SUCH AS SCOPES AND SIGNAL ANALYZERS, TO DETERMINE EQUIPMENT OPERATION
- 0 G0178 A PERFORM NOISE POWER RATIO (NPR) TESTS
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0286 A INSPECT WAVEGUIDES
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0406 K ISOLATE MALFUNCTIONS IN TUBE TYPE FM RECEIVERS
- 0 K0418 A PERFORM PMI ON DIGITAL RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0477 A REPAIR MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0531 A ALIGN FM SHF TRANSMITTERS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0567 A PERFORM PMI ON FM VHF TRANSMITTERS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 M0638 K ISOLATE MALFUNCTIONS IN SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0660 A PERFORM PMI ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0661 A PERFORM PMI ON TIME DIVISION MULTIPLEXERS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 O0786 A ADJUST DIGITAL MODEMS
- 0 P0816 A ADJUST SECURITY SYSTEM AREA SENSOR SYSTEM COMPONENTS
- 0 P0827 A ADJUST SECURITY SYSTEM LINE SENSOR SYSTEM COMPONENTS
- 0 P0872 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON PERIMETER SECURITY SYSTEMS
- 0 P0873 A PERFORM PMI ON SECURITY SYSTEM ANTIPERSONNEL RADAR SYSTEMS
- 0 Q1002 A ADJUST VERY HIGH FREQUENCY (VHF) MIXER COMPONENTS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1049 K ISOLATE MALFUNCTIONS IN SOLID-STATE VHF MIXERS
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1145 A REMOVE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1157 A REMOVE SOLID-STATE VHF MIXERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1240 A REPLACE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1252 A REPLACE SOLID-STATE VHF MIXERS
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1298 A OPERATE POWER GENERATORS
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 S1386 A SELECT COMMUNICATION SITES FOR LINE OF SIGHT LINKS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 4 G0315 A INSTALL MULTIPLE CHANNEL VHF TRANSCEIVERS
- 4 H0370 A ALIGN RADIO-TELETYPE SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0380 A LUBRICATE MECHANICAL PARTS OF GROUND RADIO EQUIPMENT

EQUIPMENT ITEM: AN/GRC-211

- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
- 4 H0403 A REMOVE OR INSTALL RADIO-TELETYPE SYSTEM LRU
- 4 I0419 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC SWITCHBOARDS
- 4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
- 4 I0455 A OPERATIONALLY CHECK FACSIMILE SYSTEMS
- 4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS
- 4 I0469 A REMOVE OR INSTALL AUTOMATIC SWITCHBOARD COMPONENTS
- 4 I0483 A REMOVE OR INSTALL RECORDER AND REPRODUCER LRU
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0498 A ALIGN TARGET TRANSMITTERS
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0504 A BENCH CHECK HF POWER AMPLIFIERS OR SUBASSEMBLIES
- 4 J0505 A BENCH CHECK HF RECEIVERS
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0519 A BENCH CHECK RADIO-TELEGRAPH EQUIPMENT
- 4 J0520 A BENCH CHECK RADIO-TELETYPE EQUIPMENT
- 4 J0522 A BENCH CHECK UHF POWER AMPLIFIERS
- 4 J0531 A PERFORM CORROSION PREVENTION ON GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 J0533 A REMOVE OR INSTALL DF EQUIPMENT PARTS
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0540 A REMOVE OR INSTALL RADIO-TELETYPE EQUIPMENT PARTS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS
- 4 J0543 S SOLDER COMMUNICATIONS EQUIPMENT COMPONENTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0546 A ALIGN AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0548 A ALIGN AUXILIARY EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0549 A ALIGN BACKUP POWER EQUIPMENT DISCRETE PARTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0572 A BENCH CHECK FACSIMILE SYSTEMS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 K0587 A REMOVE OR INSTALL AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0599 A REMOVE OR INSTALL OPERATOR CONSOLE DISCRETE PARTS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 E0124 A PREPARE STATUS REPORTS
- 6 G0149 A ESTABLISH ORDERWIRE CONTACT WITH DISTANT TERMINALS
- 6 G0153 A OBSERVE TEST EQUIPMENT, SUCH AS OSCILLOSCOPES, TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 H0175 A CONFIGURE TERMINAL EQUIPMENT FOR CORRECT SATELLITE MODE
- 6 H0183 A PERFORM ACQUISITION FUNCTIONS
- 6 H0186 A PERFORM TRACKING FUNCTIONS
- 6 H0187 A REVIEW MISSION DATA FOR PERMISSION SETUPS
- 6 H0188 A SCHEDULE SATELLITE USERS
- 6 H0189 A VERIFY OPERATIONAL READINESS WITH DISTANT TERMINALS
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 J0224 A ADJUST DEHYDRATOR OR PRESSURIZER COMPONENTS
- 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 K0278 A ALIGN DOWN CONVERTER COMPONENTS FOR REQUIRED OUTPUT LEVELS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 K0297 A PERFORM PHIS ON DOWN CONVERTERS
- 6 L0403 A PERFORM PHIS ON UP CONVERTERS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS

EQUIPMENT ITEM: AN/GRC-211

- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 N0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
- 6 P0562 A ALIGN TRACKING DOWN CONVERTER COMPONENTS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0618 A ALIGN HIGH SPEED PRINTERS
- 6 Q0621 A ALIGN LOW SPEED PRINTERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0655 K ISOLATE MALFUNCTIONS TO HIGH SPEED PRINTERS
- 6 Q0664 A PERFORM PHIS ON CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0665 A PERFORM PHIS ON CRYPTO EQUIPMENT
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/GRC-212

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CATHODE RAY TUBES (CRT)
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE COMPUTER PERIPHERAL DEVICES
- A REMOVE OR REPLACE COMPUTER SUBASSEMBLIES
- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE DISPLAY TUBES
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAJOR COMPUTER UNITS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSDUCERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- A WORK ON COMPUTER BITE MEMORIES
- A WORK ON COMPUTER CPU, ROM, AND RAM MEMORIES
- A WORK ON COMPUTER DISK DRIVE PERIPHERALS
- A WORK ON DISK DRIVE AND CONTROL PANEL
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION

EQUIPMENT ITEM: AN/GRC-212

- K APPLY COMPUTER BITE THEORY OF OPERATION
- K APPLY COMPUTER CPU THEORY OF OPERATION
- K APPLY COMPUTER DISK DRIVE THEORY OF OPERATION
- K APPLY COMPUTER PERIPHERAL DEVICE THEORY OF OPERATION
- K APPLY COMPUTER SUBASSEMBLY BITE THEORY OF OPERATION
- K APPLY COMPUTER SUBASSEMBLY THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DISPLAY TUBE THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT BITE THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT CPU, ROM, AND RAM THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT CPU, ROM, I/O UNIT, AND RAM THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSDUCER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K INTERPRET INTEGRATED CIRCUIT SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY BITE COMPUTER UNIT
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY COMPUTER BITE MEMORIES
- K ISOLATE FAULTY COMPUTER MEMORIES
- K ISOLATE FAULTY COMPUTER PERIPHERAL DEVICES
- K ISOLATE FAULTY COMPUTER POWER SUBASSEMBLY
- K ISOLATE FAULTY COMPUTER SUBASSEMBLIES
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DISPLAY TUBES
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY MAJOR COMPUTER UNITS

EQUIPMENT ITEM: AN/GRC-212

- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSDUCERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K LOAD COMPUTER PROGRAMS
- K PERFORM BINARY CONVERSIONS
- K PERFORM HEXADECIMAL CONVERSIONS
- K PERFORM HEXADECIMAL MATH OPERATION
- K PERFORM TRANSFORMER CALCULATIONS
- K PERFORM TRANSMISSION LINE CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K REMOVE OR REPLACE COMPUTER MEMORIES
- K REMOVER OR REPLACE COMPUTER MEMORIES
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT COMPUTER BITE UNIT
- K TROUBLESHOOT COMPUTER KEYBOARD CIRCUITS
- K TROUBLESHOOT COMPUTER MEMORIES
- K TROUBLESHOOT COMPUTER PERIPHERAL DEVICES
- K TROUBLESHOOT COMPUTER SUBASSEMBLIES
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LED
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPROCESSOR CONTROLLED SYSTEMS
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSDUCERS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT ZENER DIODES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CCONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE SPECTRUM ANALYZER
- 0 G9181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT

EQUIPMENT ITEM: AN/GRC-212

- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0302 K ISOLATE MALFUNCTIONS IN RECEIVE MULTICOUPLERS
- 0 J0326 A REMOVE RECEIVE MULTICOUPLERS
- 0 J0349 A REPLACE RECEIVE MULTICOUPLERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0377 K ISOLATE MALFUNCTIONS IN PRESELECTORS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0407 K ISOLATE MALFUNCTIONS IN HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0450 A REMOVE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0451 A REMOVE SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0455 A REMOVE SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0458 A REMOVE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0494 A REPLACE SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0495 A REPLACE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0501 A REPLACE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0511 A ADJUST HIGH FREQUENCY (HF) POWER AMPLIFIER COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AIR COOLING SYSTEMS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 0 L0576 A REMOVE FLOW REGULATORS (SWITCHES)
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0602 A REPLACE AIR COOLING SYSTEMS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0606 A REPLACE FLOW REGULATORS (SWITCHES)
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0645 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0647 K ISOLATE MALFUNCTIONS IN SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0682 A REMOVE SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS

EQUIPMENT ITEM: AN/GRC-212

- 0 M0686 A REMOVE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0708 A REPLACE SOLID-STATE FREQUENCY DIVISION MULTIPLEXERS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0717 A REPLACE SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0723 A ADJUST BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 M0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0773 A REPAIR MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 Q0809 A REMOVE DIGITAL MODEMS
- 0 Q0811 A REPLACE DIGITAL MODEMS
- 0 Q0958 A ADJUST AMPLITUDE EQUALIZER COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1021 K ISOLATE MALFUNCTIONS IN FREQUENCY STANDARD CHART RECORDERS
- 0 Q1022 K ISOLATE MALFUNCTIONS IN FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1024 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1027 K ISOLATE MALFUNCTIONS IN MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1040 K ISOLATE MALFUNCTIONS IN SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1042 K ISOLATE MALFUNCTIONS IN SOLID-STATE MULTIPLIERS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1074 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 0 Q1091 A PERFORM PMI ON LINE AMPLIFIERS
- 0 Q1099 A PERFORM PMI ON PA SYSTEMS
- 0 Q1121 A REMOVE ATTENUATORS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1132 A REMOVE FREQUENCY STANDARD CHART RECORDERS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1135 A REMOVE LINE EQUALIZERS
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1146 A REMOVE SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1148 A REMOVE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1155 A REMOVE SOLID-STATE HF MIXERS
- 0 Q1165 A REMOVE RF DISTRIBUTION AMPLIFIERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1230 A REPLACE LINE AMPLIFIERS
- 0 Q1231 A REPLACE LINE EQUALIZERS
- 0 Q1233 A REPLACE MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1234 A REPLACE PATCH PANELS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1243 A REPLACE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 Q1260 A REPLACE RF DISTRIBUTION AMPLIFIERS

EQUIPMENT ITEM: AN/GRC-212

- 0 S1383 A REMOVE IDF
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1411 A PERFORM PMI ON VIDEO DISPLAY MONITORS
- 4 G0320 A INSTALL PHONE PATCH SYSTEMS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
- 4 H0399 A REMOVE OR INSTALL MULTIPLE CHANNEL SYSTEM LRU
- 4 H0402 A REMOVE OR INSTALL RADIO-TELEPHONE SYSTEM LRU
- 4 H0404 A REMOVE OR INSTALL SIDE BAND SYSTEM LRU
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
- 4 I0473 A REMOVE OR INSTALL COMMUNICATIONS PATCH PANEL LRU
- 4 I0482 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT LRU
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0504 A BENCH CHECK HF POWER AMPLIFIERS OR SUBASSEMBLIES
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0536 A REMOVE OR INSTALL MULTIPLE CHANNEL EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0591 A REMOVE OR INSTALL COMMUNICATION PATCH PANEL DISCRETE PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0601 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT DISCRETE PARTS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0289 K ISOLATE MALFUNCTIONS IN POWER DIVIDER ASSEMBLIES
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0362 K ISOLATE MALFUNCTIONS TO STATUS DISPLAY UNITS (SDU)
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0397 A PERFORM PMIS ON FINAL POWER AMPLIFIERS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0442 A ALIGN DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS

EQUIPMENT ITEM: AN/GRC-212

- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0464 K ISOLATE MALFUNCTIONS IN E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0472 K ISOLATE MALFUNCTIONS IN MATRIX ASSEMBLIES
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0484 K ISOLATE MALFUNCTIONS TO E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 P0563 A ALIGN TRACKING RECEIVER COMPONENTS
- 5 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0607 A ALIGN AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0619 A ALIGN LINE AMPLIFIER COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0636 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0639 K ISOLATE MALFUNCTIONS IN MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0688 A REMOVE OR REPLACE LINE AMPLIFIERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0692 A REMOVE OR REPLACE PATCH PANELS
- 6 Q0696 A REMOVE OR REPLACE RF DISTRIBUTION AMPLIFIERS

EQUIPMENT ITEM: AH/GRR-23

- A REMOVE OR REPLACE AF AMPLIFIER
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CIRCUIT CARDS
- A REMOVE OR REPLACE IF AMPLIFIER
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LIMITER CIRCUITS
- A REMOVE OR REPLACE MIXER/MULTIPLIER
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE PREAMPLIFIER
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNTHESIZER
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION

EQUIPMENT ITEM: AN/GRR-23

- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE AM AMPLIFIER
- K ISOLATE POWER SUPPLY
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1049 K ISOLATE MALFUNCTIONS IN SOLID-STATE VHF MIXERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1157 A REMOVE SOLID-STATE VHF MIXERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1252 A REPLACE SOLID-STATE VHF MIXERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 4 G0355 A INSTALL VHF RECEIVERS
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0527 A BENCH CHECK VHF RECEIVERS
- 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/GRR-24

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION

EQUIPMENT ITEM: AN/GRR-24

- K APPLY POWER SUPPLY FILTER THEORY OF OPERATION
- K APPLY POWER SUPPLY RECTIFIER THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS

- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0592 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1048 K ISOLATE MALFUNCTIONS IN SOLID-STATE UHF MIXERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1156 A REMOVE SOLID-STATE UHF MIXERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1251 A REPLACE SOLID-STATE UHF MIXERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 4 G0350 A INSTALL UHF RECEIVERS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0523 A BENCH CHECK UHF RECEIVERS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0699 A REMOVE OR REPLACE UHF MIXERS
- 6 R0792 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/GRT-21

- A PERFORM CAPACITOR CALCULATIONS
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE JFET
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS

EQUIPMENT ITEM: AN/GRT-21

- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST RESONANT CAVITIES
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY JFET
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K PERFORM INDUCTOR CALCULATIONS
- K PERFORM RCL CIRCUIT CALCULATIONS
- K PERFORM TRANSFORMER CALCULATIONS
- K PERFORM TRANSMISSION LINE CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K PERFORM TRANSMISSION POWER CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM TRANSMITTERS

EQUIPMENT ITEM: AN/GRT-21

- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT JFET
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT MOSFET
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- K TROUBLESHOOT ZENER DIODES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE CAPACITOR TESTER

- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 J0275 A ADJUST HF THROW DOWN ANTENNAS
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0358 A ADJUST NOISE AMPLIFIER COMPONENTS
- 0 K0371 A ADJUST VERY HIGH FREQUENCY (VHF) RECEIVE RF AMPLIFIER COMPONENTS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0380 K ISOLATE MALFUNCTIONS IN SOLID-STATE NOISE AMPLIFIERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0445 A REMOVE SOLID-STATE LIMITERS
- 0 K0446 A REMOVE SOLID-STATE NOISE AMPLIFIERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 K0489 A REPLACE SOLID-STATE NOISE AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0515 A ADJUST LOW FREQUENCY (LF) POWER AMPLIFIER COMPONENTS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0523 A ADJUST ULTRA HIGH FREQUENCY (UHF) POWER AMPLIFIER COMPONENTS
- 0 L0524 A ADJUST VERY HIGH FREQUENCY (VHF) POWER AMPLIFIER COMPONENTS
- 0 L0525 A ADJUST VERY LOW FREQUENCY (VLF) POWER AMPLIFIER COMPONENTS
- 0 L0528 A ALIGN AM UHF TRANSMITTERS
- 0 L0529 A ALIGN AM VHF TRANSMITTERS
- 0 L0532 A ALIGN FM UHF TRANSMITTERS

EQUIPMENT ITEM: AN/GRT-21

- 0 L0533 A ALIGN FM VHF TRANSMITTERS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0559 K ISOLATE MALFUNCTIONS IN UHF POWER AMPLIFIERS
- 0 L0560 K ISOLATE MALFUNCTIONS IN VHF POWER AMPLIFIERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0584 A REMOVE UHF POWER AMPLIFIERS
- 0 L0585 A REMOVE VHF POWER AMPLIFIERS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 L0614 A REPLACE UHF POWER AMPLIFIERS
- 0 L0615 A REPLACE VHF POWER AMPLIFIERS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0727 A ADJUST FREQUENCY SHIFT KEYSER COMPONENTS
- 0 N0733 A ADJUST DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0789 A ADJUST DIRECT CURRENT (DC) TO AUDIO FREQUENCY SHIFT KEYING (FSK) MODEM COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0972 A ADJUST COMPRESSION AMPLIFIER COMPONENTS
- 0 Q0976 A ADJUST FACSIMILE EQUIPMENT COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0987 A ADJUST MULTIPLIER COMPONENTS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1016 K ISOLATE MALFUNCTIONS IN CARRIER LEVEL DETECTORS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1042 K ISOLATE MALFUNCTIONS IN SOLID-STATE MULTIPLIERS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1048 K ISOLATE MALFUNCTIONS IN SOLID-STATE UHF MIXERS
- 0 Q1049 K ISOLATE MALFUNCTIONS IN SOLID-STATE VHF MIXERS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1145 A REMOVE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1156 A REMOVE SOLID-STATE UHF MIXERS
- 0 Q1157 A REMOVE SOLID-STATE VHF MIXERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1240 A REPLACE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1251 A REPLACE SOLID-STATE UHF MIXERS
- 0 Q1252 A REPLACE SOLID-STATE VHF MIXERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 G0310 A INSTALL MULTIPLE CHANNEL UHF TRANSMITTERS
- 4 G0311 A INSTALL MULTIPLE CHANNEL ULTRA HIGH FREQUENCY (UHF) EXCITERS
- 4 G0312 A INSTALL MULTIPLE CHANNEL VERY HIGH FREQUENCY (VHF) EXCITERS
- 4 G0316 A INSTALL MULTIPLE CHANNEL VHF TRANSMITTERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0346 A INSTALL UHF EXCITERS
- 4 G0352 A INSTALL UHF TRANSMITTERS
- 4 G0357 A INSTALL VHF TRANSMITTERS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT

EQUIPMENT ITEM: AN/GRT-21

- 4 J0525 A BENCH CHECK UHF TRANSMITTERS
- 4 J0529 A BENCH CHECK VHF TRANSMITTERS
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 M0625 A INSTALL VEHICLE MOUNTED GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 6 G0166 A PERFORM UPLINK RF FREQUENCY AND LEVEL CHECKS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0244 K ISOLATE MALFUNCTIONS TO PARAMETRIC OR LOW NOISE AMPLIFIERS
- 6 J0245 K ISOLATE MALFUNCTIONS TO POWER DIVIDER ASSEMBLIES
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 6 K0293 K ISOLATE MALFUNCTIONS TO RECEIVE IFLAS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0351 K ISOLATE MALFUNCTIONS TO LINE MODEM UNITS (LMU)
- 6 L0352 K ISOLATE MALFUNCTIONS TO LINE VOLTAGE REGULATORS
- 6 L0353 K ISOLATE MALFUNCTIONS TO MAGNET CURRENT REGULATORS
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0355 K ISOLATE MALFUNCTIONS TO MESSAGE PROCESSOR CONTROLS
- 6 L0356 K ISOLATE MALFUNCTIONS TO POWER COMBINERS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0402 A PERFORM PMIS ON UHF TRANSMITTERS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0461 K ISOLATE MALFUNCTIONS IN CARRIER GENERATORS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0486 K ISOLATE MALFUNCTIONS TO FREQUENCY DIVISION MULTIPLEXERS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 M0488 K ISOLATE MALFUNCTIONS TO IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0489 K ISOLATE MALFUNCTIONS TO MATRIX ASSEMBLIES
- 6 M0490 K ISOLATE MALFUNCTIONS TO OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0491 K ISOLATE MALFUNCTIONS TO PCM MULTIPLEXERS
- 6 M0492 K ISOLATE MALFUNCTIONS TO PILOT TONE AMPLIFIERS
- 6 O0523 K ISOLATE MALFUNCTIONS IN BPSK MODEMS
- 6 O0529 K ISOLATE MALFUNCTIONS TO LEVEL CONVERTERS
- 6 O0530 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEM CONTROLS
- 6 O0531 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEMS
- 6 O0532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 P0582 K ISOLATE MALFUNCTIONS TO PHASE SHIFTERS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0630 K ISOLATE MALFUNCTIONS IN BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0647 K ISOLATE MALFUNCTIONS IN UHF MIXERS
- 6 Q0655 K ISOLATE MALFUNCTIONS TO HIGH SPEED PRINTERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0658 K ISOLATE MALFUNCTIONS TO RECEIVE GAIN MONITOR UNIT (RGMU)
- 6 Q0668 A PERFORM PMIS ON FREQUENCY SYNTHESIZERS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: GSB-900/R

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE JFET
- A REMOVE OR REPLACE LCD
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- S SOLDER OR DESOLDER P C BOARDS
- S USE REFLECTOMETER

- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0419 A PERFORM PMI ON SIDEBAND RECEIVERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0451 A REMOVE SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 L0526 A ALIGN AM HF TRANSMITTERS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 Q1155 A REMOVE SOLID-STATE HF MIXERS
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0503 A BENCH CHECK HF EXCITERS
- 4 J0505 A BENCH CHECK HF RECEIVERS
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0513 A BENCH CHECK MULTIPLE CHANNEL EXCITERS
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING

EQUIPMENT ITEM: AN/GSC-37

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K PERFORM BINARY CONVERSIONS
- K PERFORM BINARY MATH OPERATION
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE CAPACITOR TESTER
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS

EQUIPMENT ITEM: AN/GSC-37

- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0183 A PERFORM SELECTIVE VOLTMETER NOISE SLOT MEASUREMENTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 P0870 K ISOLATE MALFUNCTIONS IN CMSS PRINTED CIRCUIT BOARD TO COMPONENTS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1096 A PERFORM PHI ON RINGDOWN CONVERTERS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0430 K ISOLATE MALFUNCTIONS WITHIN INTERCOM SYSTEMS TO LRU
- 4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 I0481 A REMOVE OR INSTALL INTERCOM EQUIPMENT LRU
- 4 I0545 A ALIGN ANTENNA TUNING DISCRETE PARTS
- 4 J0543 S SOLDER COMMUNICATIONS EQUIPMENT COMPONENTS
- 4 K0574 A BENCH CHECK INTERCOM SYSTEM OR COMPONENTS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0596 A REMOVE OR INSTALL INTERCOM EQUIPMENT DISCRETE PARTS
- 4 K0599 A REMOVE OR INSTALL OPERATOR CONSOLE DISCRETE PARTS
- 4 N0648 K ISOLATE MALFUNCTIONS WITHIN RADIO TYPE MAINTENANCE NETWORK (RTMN) OR COMPONENTS
- 6 G0160 A PERFORM EMERGENCY POWER CHANGEOVERS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0167 A POSITION STATIONARY ANTENNAS FOR CORRECT LOOK ANGLES
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0367 K ISOLATE MALFUNCTIONS WITHIN ASRS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0636 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0647 K ISOLATE MALFUNCTIONS IN UHF MIXERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0658 K ISOLATE MALFUNCTIONS TO RECEIVE GAIN MONITOR UNIT (RGMU)

EQUIPMENT ITEM: AN/GSC-37

- 6 Q0666 A PERFORM PHIS ON DISTRIBUTION AMPLIFIERS
- 6 Q0670 A PERFORM PHIS ON LINE AMPLIFIERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 4 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: RP-343/GSH

- K APPLY SOLENOID THEORY OF OPERATION
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS

EQUIPMENT ITEM: OA-9034

- A PERFORM TRANSMISSION LINE MEASUREMENTS
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K ISOLATE FAULTY MICROPROCESSORS
- K PERFORM BINARY CONVERSIONS
- K PERFORM BINARY MATH OPERATION
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT MICROPROCESSOR CONTROLLED SYSTEMS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0170 A PERFORM GROUP DELAY TESTS (EQUIPMENT/LINKS)
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 I0424 K ISOLATE MALFUNCTIONS WITHIN DATA LINK SYSTEMS TO LRU
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0531 A PERFORM CORROSION PREVENTION ON GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0603 A REMOVE OR INSTALL REMOTE CONTROL UNIT DISCRETE PARTS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0326 K ISOLATE MALFUNCTIONS IN DIGITAL INTERFACE UNITS (DIU)
- 6 L0342 K ISOLATE MALFUNCTIONS TO DIUS
- 6 L0351 K ISOLATE MALFUNCTIONS TO LINE MODEM UNITS (LMU)
- 6 L0411 A REMOVE OR REPLACE DIUS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS

EQUIPMENT ITEM: MDL-850

- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K ISOLATE FAULTY TRANSMISSION LINES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES

- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0976 A ADJUST FACSIMILE EQUIPMENT COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1400 A ADJUST VIDEO CIRCUITS
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 I0425 K ISOLATE MALFUNCTIONS WITHIN FACSIMILE SYSTEMS TO LRU
- 4 I0455 A OPERATIONALLY CHECK FACSIMILE SYSTEMS
- 4 I0476 A REMOVE OR INSTALL FACSIMILE EQUIPMENT LRU
- 4 K0572 A BENCH CHECK FACSIMILE SYSTEMS
- 4 M0634 A REMOVE OR INSTALL FACSIMILE SYSTEM DISCRETE PARTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0453 A ALIGN PILOT TONE AMPLIFIER COMPONENTS
- 6 P0560 A ALIGN PHASE SHIFTER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS

EQUIPMENT ITEM: MD-1061

- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS

- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING

EQUIPMENT ITEM: MD-1061

- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 O0786 A ADJUST DIGITAL MODEMS
- 0 O0788 A ADJUST DIGITAL-TO-QUADRAPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 0 O0796 K ISOLATE MALFUNCTIONS IN DIGITAL TO QPSK MODEMS
- 0 O0803 A PERFORM PMI ON DIGITAL TO BPSK MODEMS
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 O0811 A REPLACE DIGITAL MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 I0455 A OPERATIONALLY CHECK FACSIMILE SYSTEMS
- 4 K0545 A ALIGN ANTENNA TUNING UNIT DISCRETE PARTS
- 4 K0572 A BENCH CHECK FACSIMILE SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 O0522 A ALIGN QUADRAPHAASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 6 O0532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 O0552 A PERFORM PMIS ON QPSK MODEMS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/MRC-107

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS

EQUIPMENT ITEM: AN/MRC-107

- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT VOLTAGE REGULATORS

EQUIPMENT ITEM: AN/MRC-107

- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE REFLECTOMETER
- S USE SPECTRUM ANALYZER
- S USE TUBE TESTER

- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0308 A PERFORM PMI ON DIPOLE ANTENNAS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0371 A ADJUST VERY HIGH FREQUENCY (VHF) RECEIVE RF AMPLIFIER COMPONENTS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0384 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0385 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0403 K ISOLATE MALFUNCTIONS IN TUBE TYPE AM DETECTORS
- 0 K0404 K ISOLATE MALFUNCTIONS IN TUBE TYPE AM RECEIVERS
- 0 K0408 K ISOLATE MALFUNCTIONS IN HF TUBE TYPE RECEIVE RF AMPLIFIERS
- 0 K0413 K ISOLATE MALFUNCTIONS IN UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0415 K ISOLATE MALFUNCTIONS IN VHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0419 A PERFORM PMI ON SIDEBAND RECEIVERS
- 0 K0421 A REMOVE AND REPLACE TUBE TYPE BALANCED MIXERS
- 0 K0431 A REMOVE AND REPLACE TUBE TYPE AGC AMPLIFIERS
- 0 K0432 A REMOVE AND REPLACE TUBE TYPE AM DETECTORS
- 0 K0433 A REMOVE AND REPLACE TUBE TYPE AM RECEIVERS
- 0 K0436 A REMOVE AND REPLACE HF TUBE TYPE RECEIVE RF AMPLIFIERS
- 0 L0517 A ADJUST SIDEBAND MODULATOR COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0524 A ADJUST VERY HIGH FREQUENCY (VHF) POWER AMPLIFIER COMPONENTS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0549 K ISOLATE MALFUNCTIONS IN TUBE TYPE IF AMPLIFIERS
- 0 L0552 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE VHF TRANSMITTERS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0559 K ISOLATE MALFUNCTIONS IN UHF POWER AMPLIFIERS
- 0 L0560 K ISOLATE MALFUNCTIONS IN VHF POWER AMPLIFIERS
- 0 L0567 A PERFORM PMI ON FM VHF TRANSMITTERS
- 0 M0623 A ADJUST OUT-OF-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0736 K ISOLATE MALFUNCTIONS IN CRYPTOGRAPHIC DEVICES
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1047 K ISOLATE MALFUNCTIONS IN SOLID-STATE HF MIXERS
- 0 Q1050 K ISOLATE MALFUNCTIONS IN SPEAKER SYSTEMS
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1055 K ISOLATE MALFUNCTIONS IN TUBE TYPE AUDIO AMPLIFIERS

EQUIPMENT ITEM: AN/MRC-107

- 0 Q1059 K ISOLATE MALFUNCTIONS IN TUBE TYPE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1065 K ISOLATE MALFUNCTIONS IN TUBE TYPE AFC
- 0 Q1067 K ISOLATE MALFUNCTIONS IN TUBE TYPE HF MIXERS
- 0 Q1075 K ISOLATE MALFUNCTIONS TO CRYPTOGRAPHIC EQUIPMENT
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1095 A PERFORM PMI ON REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1097 A PERFORM PMI ON SPEAKER SYSTEMS
- 0 Q1105 A REMOVE AND REPLACE TUBE TYPE AUDIO AMPLIFIERS
- 0 Q1107 A REMOVE AND REPLACE TUBE TYPE COMPRESSION AMPLIFIERS
- 0 Q1115 A REMOVE AND REPLACE TUBE TYPE AFC
- 0 Q1117 A REMOVE AND REPLACE TUBE TYPE HF MIXERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0493 A ALIGN MULTIPLE CHANNEL TRANSMISSION EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0528 A BENCH CHECK VHF TRANSCEIVERS
- 4 K0560 A ALIGN REMOTE CONTROL UNIT DISCRETE PARTS
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0631 A OPERATIONALLY CHECK MOBILIZERS OR TRANSPORTERS
- 6 G0161 A PERFORM GENERATOR OPERATION, EXCLUDING EMERGENCY POWER CHANGEOVERS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0235 K ISOLATE MALFUNCTIONS IN DIPOLE ANTENNAS
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0250 A PERFORM PHIS ON DIPOLE ANTENNAS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 J0272 A REMOVE OR REPLACE RF RELAYS
- 6 K0277 A ADJUST ULTRA HIGH FREQUENCY (UHF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS

EQUIPMENT ITEM: AN/MRC-107

- 6 K0290 K ISOLATE MALFUNCTIONS IN UHF RECEIVE RF AMPLIFIERS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0322 A ALIGN ULTRA HIGH FREQUENCY (UHF) RECEIVER-TRANSMITTERS (RT)
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0375 K ISOLATE MALFUNCTIONS WITHIN RF CONTROLS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0396 A PERFORM PMIS ON AUTOMATIC LEVELING CONTROLS
- 6 L0402 A PERFORM PMIS ON UHF TRANSMITTERS
- 6 L0427 A REMOVE OR REPLACE RF CONTROLS
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS
- 6 L0430 A REMOVE OR REPLACE RT CONTROLS
- 6 L0437 A REMOVE OR REPLACE UHF POWER AMPLIFIER COMPONENTS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 N0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0665 A PERFORM PMIS ON CRYPTO EQUIPMENT
- 6 Q0673 A PERFORM PMIS ON SPEAKER SYSTEMS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0699 A REMOVE OR REPLACE UHF MIXERS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 S0739 A PERFORM OPERATOR MAINTENANCE ON POWERED VEHICLES

EQUIPMENT ITEM: AN/MRC-117

- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CHOPPERS (SYNCHROUS VIBRATORS)
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SATURABLE REACTORS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS

EQUIPMENT ITEM: AN/MRC-117

- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY SATURABLE REACTOR THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY CHOPPERS (SYNCHROUS VIBRATORS)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SATURABLE REACTORS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY TRANSFORMERS

EQUIPMENT ITEM: AN/MRC-117

- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K PERFORM RCL CIRCUIT CALCULATIONS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT CHOPPERS (SYNCHROUS VIBRATORS)
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT SATURABLE REACTOR CIRCUITS
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS

- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS

EQUIPMENT ITEM: AN/MRC-117

- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0295 K ISOLATE MALFUNCTIONS IN DIPOLE ANTENNAS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0355 A ADJUST HIGH FREQUENCY (HF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS
- 0 K0366 A ADJUST SIDEBAND DEMODULATOR COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0377 K ISOLATE MALFUNCTIONS IN PRESELECTORS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0384 X ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0385 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0392 K ISOLATE MALFUNCTIONS IN TUBE TYPE BALANCED MIXERS
- 0 K0400 K ISOLATE MALFUNCTIONS IN TUBE TYPE SIDEBAND RECEIVERS
- 0 K0404 K ISOLATE MALFUNCTIONS IN TUBE TYPE AM RECEIVERS
- 0 K0407 K ISOLATE MALFUNCTIONS IN HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0408 K ISOLATE MALFUNCTIONS IN HF TUBE TYPE RECEIVE RF AMPLIFIERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0450 A REMOVE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0458 A REMOVE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0511 A ADJUST HIGH FREQUENCY (HF) POWER AMPLIFIER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0517 A ADJUST SIDEBAND MODULATOR COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0526 A ALIGN AM HF TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0547 K ISOLATE MALFUNCTIONS IN TUBE TYPE TRANSMIT GAIN CONTROLS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0557 K ISOLATE MALFUNCTIONS IN LF POWER AMPLIFIERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0742 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 0 N0743 K ISOLATE MALFUNCTIONS IN POLAR DC POWER SUPPLIES
- 0 N0750 A REMOVE BATTERY ISOLATION RELAY ASSEMBLIES
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS

EQUIPMENT ITEM: AN/MRC-117

- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1027 K ISOLATE MALFUNCTIONS IN MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1042 K ISOLATE MALFUNCTIONS IN SOLID-STATE MULTIPLIERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1047 K ISOLATE MALFUNCTIONS IN SOLID-STATE HF MIXERS
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1059 K ISOLATE MALFUNCTIONS IN TUBE TYPE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1061 K ISOLATE MALFUNCTIONS IN TUBE TYPE LOCAL OSCILLATORS
- 0 Q1067 K ISOLATE MALFUNCTIONS IN TUBE TYPE HF MIXERS
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1153 A REMOVE SOLID-STATE AFC
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1258 A REPLACE VOLTAGE CONTROLLED OSCILLATORS
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1395 A ADJUST DISTRIBUTION AMPLIFIERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0275 A ADJUST EXTERNAL CONTROL OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0285 A INSTALL FIELD TELEPHONE SYSTEMS
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0300 A INSTALL MULTIPLE CHANNEL HF TRANSCEIVERS
- 4 G0320 A INSTALL PHONE PATCH SYSTEMS
- 4 H0364 A ADJUST RADIO-TELEGRAPH SYSTEMS
- 4 H0365 A ADJUST RADIO-TELEPHONE SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 I0420 K ISOLATE MALFUNCTIONS WITHIN BATTERY CHARGERS TO LRU
- 4 I0429 K ISOLATE MALFUNCTIONS WITHIN GENERATORS OR BACKUP POWER SUPPLIES TO LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0432 K ISOLATE MALFUNCTIONS WITHIN PHONE PATCH SYSTEMS TO LRU
- 4 I0434 K ISOLATE MALFUNCTIONS WITHIN SIGNAL CONDITIONING OR SHAPING EQUIPMENT TO LRU
- 4 I0435 K ISOLATE MALFUNCTIONS WITHIN SIGNAL SHIFTERS TO LRU
- 4 I0459 A OPERATIONALLY CHECK HARDENED ANTENNA SYSTEMS
- 4 I0480 A REMOVE OR INSTALL HARDENED ANTENNA SYSTEM LRU
- 4 I0486 A REPLACE HAND KEYS
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0494 A ALIGN RADIO-TELEGRAPH EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0545 A ALIGN ANTENNA TUNING UNIT DISCRETE PARTS
- 4 K0557 A ALIGN OPERATOR CONSOLE DISCRETE PARTS
- 4 K0560 A ALIGN REMOTE CONTROL UNIT DISCRETE PARTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0586 A REMOVE OR INSTALL ANTENNA TUNING UNIT DISCRETE PARTS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS

EQUIPMENT ITEM: AN/MRC-117

- 4 M0624 A INSTALL VEHICLE MOUNTED ANTENNA SYSTEMS
- 4 M0626 A INSTALL VEHICLE MOUNTED REMOTE CONTROL UNITS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 4 M0648 K ISOLATE MALFUNCTIONS WITHIN RADIO TYPE MAINTENANCE NETWORK (RTMN) OR COMPONENTS
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0235 K ISOLATE MALFUNCTIONS IN DIPOLE ANTENNAS
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0243 K ISOLATE MALFUNCTIONS IN TRANSMIT SPLITTERS OR ANTENNA COUPLERS
- 6 J0272 A REMOVE OR REPLACE RF RELAYS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 K0286 K ISOLATE MALFUNCTIONS IN NOISE TEST SETS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0318 A ALIGN RADIO FREQUENCY (RF) POWER, INTERMEDIATE POWER, OR TRANSMIT INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0353 K ISOLATE MALFUNCTIONS TO MAGNET CURRENT REGULATORS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0375 K ISOLATE MALFUNCTIONS WITHIN RF CONTROLS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0461 K ISOLATE MALFUNCTIONS IN CARRIER GENERATORS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0481 K ISOLATE MALFUNCTIONS TO AFCS
- 6 M0482 K ISOLATE MALFUNCTIONS TO CARRIER GENERATORS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 N0504 A ADJUST POWER SUPPLY INTERFACE UNITS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 P0570 K ISOLATE MALFUNCTIONS IN PHASE SHIFTERS
- 6 P0571 K ISOLATE MALFUNCTIONS IN SILICON CONTROL RECTIFIER (SCR) CABINETS
- 6 P0582 K ISOLATE MALFUNCTIONS TO PHASE SHIFTERS
- 6 P0583 K ISOLATE MALFUNCTIONS TO SCR CABINETS
- 6 P0600 A REMOVE OR REPLACE SCR COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0630 K ISOLATE MALFUNCTIONS IN BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0635 K ISOLATE MALFUNCTIONS IN IF TO RF TEST TRANSLATORS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0639 K ISOLATE MALFUNCTIONS IN MANUAL TRANSFER UNITS OR SWITCHING PANELS

EQUIPMENT ITEM: AN/MRC-117

- 6 Q0644 K ISOLATE MALFUNCTIONS IN RF TO RF TRANSLATORS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS

EQUIPMENT ITEM: OJ-314

- A PERFORM CAPACITOR CALCULATIONS
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE JFET
- A REMOVE OR REPLACE LCD
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TUNNEL DIODES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST RESONANT CAVITIES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION

EQUIPMENT ITEM: OJ-314

- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET INTEGRATED CIRCUIT SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CHOPPERS (SYNCHRONOUS VIBRATORS)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY JFET
- K ISOLATE FAULTY LCD
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RAMP A-D CONVERTERS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TUNNEL DIODES
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM RCL CIRCUIT CALCULATIONS
- K PERFORM TRANSFORMER CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT BIPOLAR JUNCTION TRANSISTORS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CHOPPERS (SYNCHRONOUS VIBRATORS)

EQUIPMENT ITEM: 0J-514

- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT JFET
- K TROUBLESHOOT LCD
- K TROUBLESHOOT LED
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT MOSFET
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RAMP A-D CONVERTERS
- K TROUBLESHOOT NCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SCR
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT UJT
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT MULTIVIBRATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVEGUIDES
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S PERFORM HIGH RELIABILITY SOLDERING TECHNIQUES
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE CAPACITOR SUBSTITUTION BOX
- S USE CAPACITOR TESTER
- S USE DC RESTORER
- S USE DIGITAL LOGIC PROBE
- S USE DIGITAL VOLTMETER
- 0 G0158 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH AND TEST FACILITIES
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0167 A PERFORM EMERGENCY POWER CHANGEOVERS
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS
- 0 G0172 A PERFORM IDLE CHANNEL NOISE TESTS
- 0 G0177 A PERFORM NOISE FIGURE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 I0221 A PERFORM CIRCUIT MODIFICATIONS
- 0 H0627 A ADJUST TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 0 H0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0972 A ADJUST COMPRESSION AMPLIFIER COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0999 A ADJUST TELEPHONE CONVERTERS
- 0 Q1014 K ISOLATE HALFFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1078 A PERFORM PHI ON AMPLIFIERS
- 0 Q1098 A PERFORM PHI ON STATION BATTERIES
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS

EQUIPMENT ITEM: OJ-314

- 0 Q1158 A REMOVE SPEAKER SYSTEMS
- 0 Q1243 A REPLACE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1253 A REPLACE SPEAKER SYSTEMS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 G0282 A INSTALL COMMUNICATIONS PATCH PANELS
- 4 G0290 A INSTALL INTERCOM SYSTEMS
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0339 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 I0410 A ADJUST INTERCOM SYSTEMS
- 4 I0415 A ALIGN INTERCOM SYSTEMS
- 4 I0449 A OPERATIONALLY CHECK AUTOMATIC SWITCHBOARDS
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 I0460 A OPERATIONALLY CHECK INTERCOM SYSTEMS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0548 A ALIGN AUXILIARY EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0549 A ALIGN BACKUP POWER EQUIPMENT DISCRETE PARTS
- 4 K0569 A BENCH CHECK BATTERY CHARGERS
- 4 K0574 A BENCH CHECK INTERCOM SYSTEM OR COMPONENTS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 6 Q0157 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT PATCH OR TEST FACILITIES
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0442 A ALIGN DC POWER SUPPLY LINE ISOLATION ASSEMBLY COMPONENTS OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0619 A ALIGN LINE AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: PACERBOUNCE

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE APPROXIMATION A-D CONVERTERS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE COMBINATIONAL LOGIC CIRCUITS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE LCD
- A REMOVE OR REPLACE MAJOR COMPUTER UNITS
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES

EQUIPMENT ITEM: PACERBOUNCE

- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WEIGHTED RESISTOR D-A CONVERTERS
- A WORK ON COMPUTER EPROM MEMORIES
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY CMOS THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT EPROM THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT MICROPROCESSOR THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SATURABLE REACTOR THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY BITE (MICROPROCESSOR UNIT)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY COMBINATIONAL LOGIC CIRCUITS
- K ISOLATE FAULTY COMPUTER EPROM MEMORIES
- K ISOLATE FAULTY COMPUTER MEMORIES
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LCD
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAJOR COMPUTER UNITS

EQUIPMENT ITEM: PACERBOUNCE

- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- X ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM FREQUENCY SENSITIVE FILTER CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K PERFORM TRANSMISSION POWER CALCULATIONS
- K PERFORM TRANSMISSION POWER MEASUREMENTS
- K REMOVER OR REPLACE COMPUTER MEMORIES
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- X TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT APPROXIMATION A-D CONVERTERS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT COMBINATIONAL LOGIC CIRCUITS
- K TROUBLESHOOT COMPUTER MEMORIES
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT LCD
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WEIGHTED RESISTOR D-A CONVERTERS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER
- S USE WATTMETER
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0163 A PERFORM BUCKET CURVE ANALYSES
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0328 A REPAIR MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS

EQUIPMENT ITEM: PACERBOUNCE

- 0 K0355 A ADJUST HIGH FREQUENCY (HF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 0 K0365 A ADJUST RECEIVER FREQUENCY MODULATION (FM) DETECTORS COMPONENTS
- 0 L0506 A ADJUST AIR COOLING SYSTEM COMPONENTS
- 0 L0511 A ADJUST HIGH FREQUENCY (HF) POWER AMPLIFIER COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0521 A ADJUST TRANSMITTER FREQUENCY MODULATION (FM) MODULATOR COMPONENTS
- 0 L0526 A ALIGN AM HF TRANSMITTERS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0602 A REPLACE AIR COOLING SYSTEMS
- 0 L0613 A REPLACE LF POWER AMPLIFIERS
- 0 M0686 A REMOVE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0751 A REMOVE FREQUENCY SHIFT CONVERTERS
- 0 N0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 N0773 A REPAIR MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- J N0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1095 A PERFORM PMI ON REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1139 A REMOVE REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1188 A REPAIR MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 Q1257 A REPLACE TRANSCEIVERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1393 A ADJUST BALANCED LINE MATCHING AMPLIFIERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 G0286 A INSTALL FIXED REMOTE CONTROL UNITS
- 4 G0297 A INSTALL MULTIPLE CHANNEL HF EXCITERS
- 4 G0300 A INSTALL MULTIPLE CHANNEL HF TRANSCEIVERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0330 A INSTALL SINGLE CHANNEL HF POWER AMPLIFIERS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
- 4 H0404 A REMOVE OR INSTALL SIDE BAND SYSTEM LRU
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 I0475 A REMOVE OR INSTALL EMERGENCY POWER SUPPLY LRU
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0560 A ALIGN REMOTE CONTROL UNIT DISCRETE PARTS

EQUIPMENT ITEM: PACERBOUNCE

- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0566 A BENCH CHECK ANTENNA TUNING UNITS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 K0603 A REMOVE OR INSTALL REMOTE CONTROL UNIT DISCRETE PARTS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 4 M0626 A INSTALL VEHICLE MOUNTED REMOTE CONTROL UNITS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0156 A PERFORM CARRIER NOISE DENSITY CHECKS (C/KT)
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 J0243 K ISOLATE MALFUNCTIONS IN TRANSMIT SPLITTERS OR ANTENNA COUPLERS
- 6 J0272 A REMOVE OR REPLACE RF RELAYS
- 6 J0274 A REMOVE OR REPLACE TRANSMIT SPLITTER OR ANTENNA COUPLER COMPONENTS
- 6 L0318 A ALIGN RADIO FREQUENCY (RF) POWER, INTERMEDIATE POWER, OR TRANSMIT INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0375 K ISOLATE MALFUNCTIONS WITHIN RF CONTROLS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0427 A REMOVE OR REPLACE RF CONTROLS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 O0526 K ISOLATE MALFUNCTIONS TO BPSK MODEMS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: AN/PRC-25

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SPEAKERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT FM TRANSMITTERS
- S USE CAPACITOR TESTER

EQUIPMENT ITEM: AN/PRC-25

- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0392 K ISOLATE MALFUNCTIONS IN TUBE TYPE BALANCED MIXERS
- 0 L0551 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE UHF TRANSMITTERS EXCITERS
- 0 L0552 K ISOLATE MALFUNCTIONS IN FM SOLID-STATE VHF TRANSMITTERS
- 0 L0554 K ISOLATE MALFUNCTIONS IN FM TUBE TYPE UHF TRANSMITTERS
- 0 L0555 K ISOLATE MALFUNCTIONS IN FM TUBE TYPE VHF TRANSMITTERS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 4 H0372 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 J0490 A ALIGN FREQUENCY MODULATION (FM) EQUIPMENT
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0528 A BENCH CHECK VHF TRANSCEIVERS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS

EQUIPMENT ITEM: R-2174

- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0374 A ALIGN FM RECEIVERS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0390 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM RECEIVERS
- 0 K0417 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AM RECEIVERS
- 0 K0418 A PERFORM PMI ON DIGITAL RECEIVERS
- 0 K0419 A PERFORM PMI ON SIDEBAND RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0441 A REMOVE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0456 A REMOVE SOLID-STATE FM RECEIVERS
- 0 K0484 A REPLACE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 K0495 A REPLACE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 T1418 A TEST AUDIO CIRCUITS
- 4 G0294 A INSTALL MULTIPLE CHANNEL FM RECEIVERS
- 4 G0299 A INSTALL MULTIPLE CHANNEL HF RECEIVERS
- 4 G0350 A INSTALL UHF RECEIVERS
- 4 G0355 A INSTALL VHF RECEIVERS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0505 A BENCH CHECK HF RECEIVERS
- 4 J0515 A BENCH CHECK MULTIPLE CHANNEL RECEIVERS
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS

EQUIPMENT ITEM: SW-3600

- A PERFORM CAPACITOR CALCULATIONS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CATHODE RAY TUBES (CRT)
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE MULTIVIBRATORS
- A REMOVE OR REPLACE OSCILLATORS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET BIPOLAR JUNCTION TRANSISTOR SPECIFICATIONS
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET INTEGRATED CIRCUIT SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY CHOPPERS (SYNCHROUS VIBRATORS)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM BINARY CONVERSIONS
- K PERFORM BINARY MATH OPERATION
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM INDUCTOR CALCULATIONS
- K SIMPLIFY EXPRESSIONS USING BOOLEAN ALGEBRA
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT LOGIC CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 N0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 N0738 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 N0740 K ISOLATE MALFUNCTIONS IN LEVEL INVERTERS
- 0 P0870 K ISOLATE MALFUNCTIONS IN CMSD PRINTED CIRCUIT BOARD TO COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS

EQUIPMENT ITEM: SW-3600

- 0 Q0993 A ADJUST SELECTIVE SIGNALING SUBSYSTEM COMPONENTS OTHER THAN ORDERWIRE COMPONENTS
- 0 Q0995 A ADJUST STEPPING SWITCH COMPONENTS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1052 K ISOLATE MALFUNCTIONS IN STEPPING SWITCHES
- 0 S1346 A INSTALL COMMUNICATION/ELECTRONIC EQUIPMENT USING DRAWINGS AND SKETCHES
- 0 S1347 A INSTALL CROSS CONNECTIONS
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 H0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 I0419 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC SWITCHBOARDS
- 4 I0428 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT KEYS TO LRU
- 4 I0434 K ISOLATE MALFUNCTIONS WITHIN SIGNAL CONDITIONING OR SHAPING EQUIPMENT TO LRU
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 I0469 A REMOVE OR INSTALL AUTOMATIC SWITCHBOARD COMPONENTS
- 4 J0543 S SOLDER COMMUNICATIONS EQUIPMENT COMPONENTS
- 4 K0562 A ALIGN SIGNAL CONDITIONING EQUIPMENT PARTS
- 6 G0155 A PERFORM BASE BAND SWEEPS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0474 K ISOLATE MALFUNCTIONS IN OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0630 K ISOLATE MALFUNCTIONS IN BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING

EQUIPMENT ITEM: TA-312/PT

- K APPLY DC GENERATOR THEORY OF OPERATION
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT

EQUIPMENT ITEM: TD-2903

- A ISOLATE FAULTY CAPACITORS
- A ISOLATE FAULTY RESISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE MAGNETIC AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE RELAYS
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY MAGNETIC AMPLIFIER THEORY OF OPERATION

EQUIPMENT ITEM: TD-2903

- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY MAGNETIC AMPLIFIERS
- K ISOLATE FAULTY RELAYS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT MAGNETIC AMPLIFIER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 4 H0380 A LUBRICATE MECHANICAL PARTS OF GROUND RADIO EQUIPMENT
- 4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS
- 4 I0483 A REMOVE OR INSTALL RECORDER AND REPRODUCER LRU
- 4 K0546 A ALIGN AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0587 A REMOVE OR INSTALL AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS

EQUIPMENT ITEM: AN/TRC-176

- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1257 A REPLACE TRANSCEIVERS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 G0315 A INSTALL MULTIPLE CHANNEL VHF TRANSCEIVERS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT

EQUIPMENT ITEM: AN/TRC-176

- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 H0405 A REMOVE OR INSTALL UHF SYSTEM LRU
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0523 A BENCH CHECK VHF TRANSCEIVERS
- 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS
- 6 L0322 A ALIGN ULTRA HIGH FREQUENCY (UHF) RECEIVER-TRANSMITTERS (RT)

EQUIPMENT ITEM: AN/TSC-107

- A ALIGN ANTENNAS
- A PERFORM BASIC DC CIRCUIT CALCULATIONS
- A PERFORM TRANSMISSION LINE CALCULATIONS
- A PERFORM TRANSMISSION LINE MEASUREMENTS
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC GENERATORS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A TUNE OR ADJUST RESONANT CAVITIES
- A WORK ON COMPUTER AN/TSC 107 MAGNETIC TAPE MEMORIES
- A WORK ON COMPUTER EPROM MEMORIES
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION

EQUIPMENT ITEM: AN/TSC-107

- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SC CIRCUIT THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC GENERATORS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY COMPUTER MEMORIES
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES

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- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K LOAD COMPUTER PROGRAMS
- K REMOVE OR REPLACE MICROPHONES
- K REMOVER OR REPLACE COMPUTER MEMORIES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT COMPUTER MEMORIES
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FM RECEIVERS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LED
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT MICROPROCESSOR CONTROLLED SYSTEMS
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT SCR
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- K TROUBLESHOOT DC CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE CAPACITOR TESTER
- S USE SPECTRUM ANALYZER
- 0 G0158 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH AND TEST FACILITIES
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING

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- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0241 A REMOVE PRIME POWER GENERATORS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0322 A REMOVE DIPOLE ANTENNAS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0346 A REPLACE DISCONE ANTENNAS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS
- 0 K0366 A ADJUST SIDEBAND DEMODULATOR COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0384 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0385 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0417 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AM RECEIVERS
- 0 K0419 A PERFORM PMI ON SIDEBAND RECEIVERS
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0447 A REMOVE SOLID-STATE PILOT TONE DETECTORS
- 0 K0486 A REPLACE PRESELECTORS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 K0490 A REPLACE SOLID-STATE PILOT TONE DETECTORS
- 0 K0493 A REPLACE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0495 A REPLACE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0499 A REPLACE SOLID-STATE FM RECEIVERS
- 0 L0511 A ADJUST HIGH FREQUENCY (HF) POWER AMPLIFIER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0517 A ADJUST SIDEBAND MODULATOR COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0526 A ALIGN AM HF TRANSMITTERS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS

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- 0 L0567 A PERFORM PHI ON FM VHF TRANSMITTERS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0624 A ADJUST PILOT GENERATOR COMPONENTS
- 0 M0625 A ADJUST PILOT TONE AMPLIFIER COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0627 A ADJUST TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 0 M0628 A ADJUST E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0630 A ALIGN TIME DIVISION MULTIPLEXERS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0646 K ISOLATE MALFUNCTIONS IN SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0647 K ISOLATE MALFUNCTIONS IN SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0661 A PERFORM PHI ON TIME DIVISION MULTIPLEXERS
- 0 M0676 A REMOVE SOLID-STATE IN-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0679 A REMOVE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0680 A REMOVE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0681 A REMOVE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0682 A REMOVE SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0686 A REMOVE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0712 A REPLACE SOLID-STATE OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 0 M0714 A REPLACE SOLID-STATE PILOT TONE AMPLIFIERS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0716 A REPLACE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0717 A REPLACE SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 M0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 M0732 A ADJUST TIME DIVERSITY MODEM COMPONENTS
- 0 M0737 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 M0738 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 M0745 K ISOLATE MALFUNCTIONS IN TIME DIVERSITY MODEMS
- 0 M0751 A REMOVE FREQUENCY SHIFT CONVERTERS
- 0 M0752 A REMOVE FREQUENCY SHIFT KEYS
- 0 M0756 A REMOVE NEUTRAL DC POWER SUPPLIES
- 0 M0776 A REPLACE FREQUENCY SHIFT CONVERTERS
- 0 M0777 A REPLACE FREQUENCY SHIFT KEYS
- 0 M0784 A REPLACE TIME DIVERSITY MODEMS
- 0 M0786 A ADJUST DIGITAL MODEMS
- 0 M0788 A ADJUST DIGITAL-TO-QUADPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 0 M0789 A ADJUST DIRECT CURRENT (DC) TO AUDIO FREQUENCY SHIFT KEYING (FSK) MODEM COMPONENTS
- 0 M0790 A ADJUST DC TO AUDIO PHASE SHIFT KEYING (PSK) MODEM COMPONENTS
- 0 M0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 M0796 K ISOLATE MALFUNCTIONS IN DIGITAL TO QPSK MODEMS
- 0 M0797 K ISOLATE MALFUNCTIONS IN DC TO AUDIO FSK MODEMS
- 0 M0798 K ISOLATE MALFUNCTIONS IN DC TO AUDIO PSK MODEMS
- 0 M0802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON DC TO AUDIO FSK MODEMS
- 0 M0804 A PERFORM PHI ON DIGITAL TO QPSK MODEMS
- 0 M0805 A PERFORM PHI ON DC TO AUDIO PSK MODEMS
- 0 M0806 A PERFORM PHI ON DC TO MFSK MODEMS
- 0 M0807 A PERFORM PHI ON DC TO RF FSK MODEMS
- 0 M0809 A REMOVE DIGITAL MODEMS
- 0 M0811 A REPLACE DIGITAL MODEMS
- 0 Q0958 A ADJUST AMPLITUDE EQUALIZER COMPONENTS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS

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- 0 Q0978 A ADJUST FREQUENCY DIVERSITY COMBINER COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0985 A ADJUST LINE EQUALIZER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0987 A ADJUST MULTIPLIER COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q0997 A ADJUST SYNCHRO (SERVO) SYSTEM COMPONENTS, OTHER THAN SATELLITE TRACKING SYNCHRO (SERVO) SYSTEM COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q0999 A ADJUST TELEPHONE CONVERTERS
- 0 Q1000 A ADJUST TRANSMIT PATH EQUALIZER COMPONENTS
- 0 Q1002 A ADJUST VERY HIGH FREQUENCY (VHF) MIXER COMPONENTS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1005 A INSTALL PUBLIC ADDRESS (PA) SYSTEMS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1047 K ISOLATE MALFUNCTIONS IN SOLID-STATE HF MIXERS
- 0 Q1049 K ISOLATE MALFUNCTIONS IN SOLID-STATE VHF MIXERS
- 0 Q1050 K ISOLATE MALFUNCTIONS IN SPEAKER SYSTEMS
- 0 Q1053 K ISOLATE MALFUNCTIONS IN TELEPHONE CONVERTERS
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1075 K ISOLATE MALFUNCTIONS TO CRYPTOGRAPHIC EQUIPMENT
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1089 A PERFORM PMI ON HYBRID/FOUR-WIRE TERM UNITS
- 0 Q1091 A PERFORM PMI ON LINE AMPLIFIERS
- 0 Q1095 A PERFORM PMI ON REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1096 A PERFORM PMI ON RINGDOWN CONVERTERS
- 0 Q1097 A PERFORM PMI ON SPEAKER SYSTEMS
- 0 Q1098 A PERFORM PMI ON STATION BATTERIES
- 0 Q1121 A REMOVE ATTENUATORS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1133 A REMOVE FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1136 A REMOVE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1141 A REMOVE SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1151 A REMOVE SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1157 A REMOVE SOLID-STATE VHF MIXERS
- 0 Q1158 A REMOVE SPEAKER SYSTEMS
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1218 A REPLACE ATTENUATORS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1230 A REPLACE LINE AMPLIFIERS
- 0 Q1231 A REPLACE LINE EQUALIZERS
- 0 Q1234 A REPLACE PATCH PANELS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1239 A REPLACE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1241 A REPLACE SOLID-STATE EQUIPMENT CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1246 A REPLACE SOLID-STATE PILOT TONE OSCILLATORS

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- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1252 A REPLACE SOLID-STATE VHF MIXERS
- 0 Q1253 A REPLACE SPEAKER SYSTEMS
- 0 Q1254 A REPLACE STATION BATTERIES
- 0 Q1256 A REPLACE TELEPHONE CONVERTERS
- 0 Q1257 A REPLACE TRANSCEIVERS
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1321 A REMOVE CABLING BETWEEN SITE VANS
- 0 R1324 A REMOVE MAIN DISTRIBUTION FRAMES (MDF)
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 R1326 A REMOVE POWER GENERATING EQUIPMENT
- 0 S1346 A INSTALL COMMUNICATION/ELECTRONIC EQUIPMENT USING DRAWINGS AND SKETCHES
- 0 S1347 A INSTALL CROSS CONNECTIONS
- 0 S1350 A INSTALL LINE CONDITIONING EQUIPMENT
- 0 S1351 A INSTALL MAIN DISTRIBUTION FRAMES (MDF)
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1380 A REMOVE LINE CONDITIONING EQUIPMENT
- 0 S1381 A REMOVE STATION GROUNDING SYSTEMS
- 0 S1384 A REMOVE MDF
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1397 A ADJUST RECEIVE EQUALIZERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 A0003 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF FIELD GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0279 A INSTALL AUDIO LINE CONDITIONING SYSTEMS
- 4 G0280 A INSTALL AUTOMATIC KEYING EQUIPMENT
- 4 G0282 A INSTALL COMMUNICATIONS PATCH PANELS
- 4 G0283 A INSTALL CONVERTERS OR KEYS
- 4 G0285 A INSTALL FIELD TELEPHONE SYSTEMS
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0294 A INSTALL MULTIPLE CHANNEL FM RECEIVERS
- 4 G0295 A INSTALL MULTIPLE CHANNEL FM TRANSCEIVERS
- 4 G0296 A INSTALL MULTIPLE CHANNEL FM TRANSMITTERS
- 4 G0297 A INSTALL MULTIPLE CHANNEL HF EXCITERS
- 4 G0298 A INSTALL MULTIPLE CHANNEL HF POWER AMPLIFIERS
- 4 G0299 A INSTALL MULTIPLE CHANNEL HF RECEIVERS
- 4 G0300 A INSTALL MULTIPLE CHANNEL HF TRANSCEIVERS
- 4 G0301 A INSTALL MULTIPLE CHANNEL HF TRANSMITTERS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 G0314 A INSTALL MULTIPLE CHANNEL VHF RECEIVERS
- 4 G0315 A INSTALL MULTIPLE CHANNEL VHF TRANSCEIVERS
- 4 G0316 A INSTALL MULTIPLE CHANNEL VHF TRANSMITTERS
- 4 G0320 A INSTALL PHONE PATCH SYSTEMS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0324 A INSTALL RADIO-TELETYPE SYSTEMS
- 4 G0325 A INSTALL SIDE BAND EXCITERS
- 4 G0343 A INSTALL SPEAKERS OR PUBLIC ADDRESS SYSTEMS
- 4 G0345 A INSTALL TONE KEYS OR CONVERTERS
- 4 G0351 A INSTALL UHF TRANSCEIVERS
- 4 G0355 A INSTALL VHF RECEIVERS
- 4 G0356 A INSTALL VHF TRANSCEIVERS
- 4 G0357 A INSTALL VHF TRANSMITTERS
- 4 G0359 A PREPARE INSTALLATION RECORDS
- 4 H0365 A ADJUST RADIO-TELEPHONE SYSTEMS
- 4 H0369 A ALIGN RADIO-TELEPHONE SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT

EQUIPMENT ITEM: AN/TSC-107

- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 H0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 H0395 A REMOVE OR INSTALL FM SYSTEM LRU
- 4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
- 4 H0399 A REMOVE OR INSTALL MULTIPLE CHANNEL SYSTEM LRU
- 4 H0402 A REMOVE OR INSTALL RADIO-TELEPHONE SYSTEM LRU
- 4 H0403 A REMOVE OR INSTALL RADIO-TELETYPE SYSTEM LRU
- 4 H0404 A REMOVE OR INSTALL SIDE BAND SYSTEM LRU
- 4 H0405 A REMOVE OR INSTALL UHF SYSTEM LRU
- 4 H0406 A REMOVE OR INSTALL VHF SYSTEM LRU
- 4 I0408 A ADJUST ANTENNA SYSTEM GUY WIRES OR ELEMENTS
- 4 I0417 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC KEYING SYSTEMS TO LINE REPLACEABLE UNITS (LRU)
- 4 I0419 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC SWITCHBOARDS
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0427 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT CONVERTERS TO LRU
- 4 I0428 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT KEYERS TO LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0449 A OPERATIONALLY CHECK AUTOMATIC SWITCHBOARDS
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 I0463 A OPERATIONALLY CHECK SIGNAL CONDITIONING OR SHAPING EQUIPMENT
- 4 I0467 A REMOVE OR INSTALL AUTOMATIC KEYING EQUIPMENT LRU
- 4 I0469 A REMOVE OR INSTALL AUTOMATIC SWITCHBOARD COMPONENTS
- 4 I0474 A REMOVE OR INSTALL DATA LINK SYSTEM LRU
- 4 I0478 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER LRU
- 4 I0482 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT LRU
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0495 A ALIGN RADIO-TELEPHONE EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0520 A BENCH CHECK RADIO-TELETYPE EQUIPMENT
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0536 A REMOVE OR INSTALL MULTIPLE CHANNEL EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0538 A REMOVE OR INSTALL RADIO-TELEGRAPH EQUIPMENT PARTS
- 4 J0539 A REMOVE OR INSTALL RADIO-TELEPHONE EQUIPMENT PARTS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0554 A ALIGN FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 4 K0559 A ALIGN PHONE PATCH EQUIPMENT DISCRETE PARTS
- 4 K0564 A ALIGN TONE KEYS AND CONVERTER PARTS
- 4 K0586 A REMOVE OR INSTALL ANTENNA TUNING UNIT DISCRETE PARTS
- 4 K0592 A REMOVE OR INSTALL DATA LINK SYSTEM DISCRETE PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0595 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 4 K0597 A REMOVE OR INSTALL MICROPHONE DISCRETE PARTS
- 4 K0601 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT DISCRETE PARTS
- 4 K0607 A REMOVE OR INSTALL TONE KEYS AND CONVERTER PARTS
- 4 M0617 A ADJUST MOBILE ANTENNA SYSTEMS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 4 M0624 A INSTALL VEHICLE MOUNTED ANTENNA SYSTEMS
- 4 M0625 A INSTALL VEHICLE MOUNTED GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 4 M0636 A REMOVE OR INSTALL LRU OF MOBILE ANTENNA SYSTEMS
- 4 M0648 K ISOLATE MALFUNCTIONS WITHIN RADIO TYPE MAINTENANCE NETWORK (RTMN) OR COMPONENTS
- 4 M0664 A OPERATIONALLY CHECK RTMN
- 6 G0154 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH OR TEST FACILITIES
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS

EQUIPMENT ITEM: AN/TSC-107

- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0387 A PERFORM OPERATIONAL TESTS ON MAGNETIC TAPE MEMORIES
- 6 L0388 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR CONTROLS
- 6 L0389 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR UNITS
- 6 L0402 A PERFORM PHIS ON UHF TRANSMITTERS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0424 A REMOVE OR REPLACE MAGNETIC TAPE MEMORIES
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0444 A ALIGN E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0448 A ALIGN FREQUENCY SHIFT CONVERTER COMPONENTS
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0453 A ALIGN PILOT TONE AMPLIFIER COMPONENTS
- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0464 K ISOLATE MALFUNCTIONS IN E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0468 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 6 M0479 K ISOLATE MALFUNCTIONS IN TIME DIVISION MULTIPLEXERS
- 6 M0484 K ISOLATE MALFUNCTIONS TO E-AND-M SIGNALING AND CONTROL CIRCUITS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 M0488 K ISOLATE MALFUNCTIONS TO IN-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0489 K ISOLATE MALFUNCTIONS TO MATRIX ASSEMBLIES
- 6 M0493 K ISOLATE MALFUNCTIONS TO SYNC OR PILOT GENERATORS
- 6 M0494 K ISOLATE MALFUNCTIONS TO TIME DIVISION MULTIPLEXERS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0500 A PERFORM PHIS ON TELETYPE MULTIPLEXERS
- 6 M0502 A PERFORM PHIS ON TIME DIVISION MULTIPLEXERS
- 6 O0522 A ALIGN QUADPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 6 O0531 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEMS
- 6 O0532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 O0535 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEMS
- 6 O0536 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEM CONTROLS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 O0543 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEMS
- 6 O0551 A PERFORM PHIS ON NARROW BAND FSK MODEMS
- 6 O0552 A PERFORM PHIS ON QPSK MODEMS
- 6 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0607 A ALIGN AMPLITUDE OR LINE EQUALIZER COMPONENTS

EQUIPMENT ITEM: AN/TSC-107

- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0668 A PERFORM PHIS ON FREQUENCY SYNTHESIZERS
- 6 Q0670 A PERFORM PHIS ON LINE AMPLIFIERS
- 6 Q0673 A PERFORM PHIS ON SPEAKER SYSTEMS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0688 A REMOVE OR REPLACE LINE AMPLIFIERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0694 A REMOVE OR REPLACE POWER DISTRIBUTION PANEL COMPONENTS
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0716 A PREPARE MOBILITY SITE FOR INSTALLATION

EQUIPMENT ITEM: AN/TSC-60(V)5

- A ALIGN ANTENNAS
- A PERFORM TRANSMISSION LINE MEASUREMENTS
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC GENERATORS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE APPROXIMATION A-D CONVERTERS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CHOPPERS (SYNCHROUS VIBRATORS)
- A REMOVE OR REPLACE CLAMPER CIRCUITS
- A REMOVE OR REPLACE CMOS LOGIC FAMILIES
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS

EQUIPMENT ITEM: AN/TSC-60(V)5

- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE MOSFET
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE SINGLE SIDEBAND TRANSMITTERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE TTL LOGIC FAMILIES
- A REMOVE OR REPLACE UJT
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- A REMOVE OR REPLACE WEIGHTED RESISTOR D-A CONVERTERS
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST RESONANT CAVITIES
- A WORK ON CMOS
- A WORK ON TTL
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY CMOS THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION

EQUIPMENT ITEM: AN/TSC-60(V)5

- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET BIPOLAR JUNCTION TRANSISTOR SPECIFICATIONS
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K INTERPRET INTEGRATED CIRCUIT SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AC GENERATORS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY APPROXIMATION A-D CONVERTERS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CHOPPERS (SYNCHRONOUS VIBRATORS)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY CMOS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPHONES
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS

EQUIPMENT ITEM: AN/TSC-60(V)5

- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY WEIGHTED RESISTOR D-A CONVERTERS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC GENERATORS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT APPROXIMATION A-D CONVERTERS
- K TROUBLESHOOT BIPOLAR JUNCTION TRANSISTORS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT CHOPPERS (SYNCHROUS VIBRATORS)
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT CMOS LOGIC FAMILIES
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LED
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROPHONES
- K TROUBLESHOOT MICROPROCESSOR CONTROLLED SYSTEMS
- K TROUBLESHOOT MOSFET
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT SCR
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT SPEAKER CIRCUITS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT TTL LOGIC FAMILIES
- K TROUBLESHOOT UJT
- K TROUBLESHOOT VOLTAGE REGULATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT MULTIVIBRATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- K TROUBLESHOOT WEIGHTED RESISTOR D-A CONVERTERS
- K TROUBLESHOOT ZENER DIODES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE DIGITAL LOGIC PROBE
- S USE FIELD STRENGTH TESTER
- S USE REFLECTOMETER

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- S USE SPECTRUM ANALYZER

- 0 G0159 A PERFORM AMPLITUDE LINEARITY TESTS
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0166 A PERFORM DATA RATE ADJUSTMENTS WITH DISTANT TERMINALS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0185 A PERFORM TERMINAL IMPEDANCE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 G0191 A RECORD HOURLY MEASUREMENTS TO DETERMINE SIGNAL QUALITY
- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0221 A PERFORM CIRCUIT MODIFICATIONS
- 0 I0223 A PERFORM SAFETY INSPECTIONS
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 I0255 A REPLACE MOUNTING HARDWARE
- 0 J0263 A ADJUST DIPLEXER (DUPLEXER) COMPONENTS
- 0 J0269 A ADJUST LOG PERIODIC (LP) ANTENNA COMPONENTS
- 0 J0275 A ADJUST HF THROW DOWN ANTENNAS
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0291 K ISOLATE MALFUNCTIONS IN BILLBOARD ANTENNAS
- 0 J0294 K ISOLATE MALFUNCTIONS IN DIPLEXERS (DUPLEXERS)
- 0 J0295 K ISOLATE MALFUNCTIONS IN DIPOLE ANTENNAS
- 0 J0301 K ISOLATE MALFUNCTIONS IN QUICK REACTION ANTENNAS
- 0 J0304 K ISOLATE MALFUNCTIONS IN HF THROW DOWN ANTENNAS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0355 A ADJUST HIGH FREQUENCY (HF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS

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- 0 K0360 A ADJUST PILOT TONE DETECTOR COMPONENTS
- 0 K0361 A ADJUST PRESELECTOR COMPONENTS
- 0 K0362 A ADJUST RECEIVE COMBINER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS
- 0 K0366 A ADJUST SIDEBAND DEMODULATOR COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0379 K ISOLATE MALFUNCTIONS IN SOLID-STATE LIMITERS
- 0 K0382 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE COMBINERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0384 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0385 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0389 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM DETECTORS (DISCRIMINATORS)
- 0 K0402 K ISOLATE MALFUNCTIONS IN TUBE TYPE AGC AMPLIFIERS
- 0 K0407 K ISOLATE MALFUNCTIONS IN HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0417 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AM RECEIVERS
- 0 K0418 A PERFORM PHI ON DIGITAL RECEIVERS
- 0 K0419 A PERFORM PHI ON SIDEBAND RECEIVERS
- 0 K0445 A REMOVE SOLID-STATE LIMITERS
- 0 K0446 A REMOVE SOLID-STATE NOISE AMPLIFIERS
- 0 K0449 A REMOVE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0450 A REMOVE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0451 A REMOVE SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0452 A REMOVE SOLID-STATE SIDEBAND RECEIVERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0458 A REMOVE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 K0492 A REPLACE SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0493 A REPLACE SOLID-STATE SIDEBAND BALANCED MIXERS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 K0501 A REPLACE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0506 A ADJUST AIR COOLING SYSTEM COMPONENTS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0511 A ADJUST HIGH FREQUENCY (HF) POWER AMPLIFIER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0517 A ADJUST SIDEBAND MODULATOR COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0527 A ALIGN AM LF TRANSMITTERS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0535 K ISOLATE MALFUNCTIONS IN DIGITAL TRANSMITTERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0541 K ISOLATE MALFUNCTIONS IN SOLID-STATE POWER MONITORS
- 0 L0543 K ISOLATE MALFUNCTIONS IN SOLID-STATE FM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0547 K ISOLATE MALFUNCTIONS IN TUBE TYPE TRANSMIT GAIN CONTROLS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0562 K ISOLATE MALFUNCTIONS TO SOLID-STATE DIRECTIONAL COUPLERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AIR COOLING SYSTEMS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0579 A REMOVE SOLID-STATE POWER MONITORS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS

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- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0620 A ADJUST HARMONIC GENERATOR COMPONENTS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0624 A ADJUST PILOT GENERATOR COMPONENTS
- 0 M0625 A ADJUST PILOT TONE AMPLIFIER COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0627 A ADJUST TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 0 M0628 A ADJUST E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0637 K ISOLATE MALFUNCTIONS IN SOLID-STATE HARMONIC GENERATORS
- 0 M0645 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0647 K ISOLATE MALFUNCTIONS IN SOLID-STATE E-AND-M SIGNALING AND CONTROL CIRCUITS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0658 A PERFORM PHI ON FREQUENCY DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0673 A REMOVE SOLID-STATE FREQUENCY DIVISION MULTIPLEXERS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 M0680 A REMOVE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0681 A REMOVE SOLID-STATE TIME DIVISION MULTIPLEXERS
- 0 M0686 A REMOVE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 M0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 M0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 M0730 A ADJUST LOOP CURRENT CONTROL PANEL COMPONENTS
- 0 M0732 A ADJUST TIME DIVERSITY MODEM COMPONENTS
- 0 M0737 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 0 M0738 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 0 M0741 K ISOLATE MALFUNCTIONS IN LOOP CURRENT CONTROL PANELS
- 0 M0742 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 0 M0743 K ISOLATE MALFUNCTIONS IN POLAR DC POWER SUPPLIES
- 0 M0744 K ISOLATE MALFUNCTIONS IN SERIES PARALLEL CONVERTERS
- 0 M0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0747 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0748 A PERFORM PHI ON TELETYPE MULTIPLEXERS
- 0 M0756 A REMOVE NEUTRAL DC POWER SUPPLIES
- 0 M0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0776 A REPLACE FREQUENCY SHIFT CONVERTERS
- 0 M0777 A REPLACE FREQUENCY SHIFT KEYS
- 0 M0781 A REPLACE NEUTRAL DC POWER SUPPLIES
- 0 M0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 M0789 A ADJUST DIRECT CURRENT (DC) TO AUDIO FREQUENCY SHIFT KEYING (FSK) MODEM COMPONENTS
- 0 M0790 A ADJUST DC TO AUDIO PHASE SHIFT KEYING (PSK) MODEM COMPONENTS
- 0 M0791 A ADJUST DC TO MULTIPLE FREQUENCY SHIFT KEYING (MFSK) MODEM COMPONENTS
- 0 M0792 A ADJUST DC TO RADIO FREQUENCY (RF) FSK MODEM COMPONENTS
- 0 M0802 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON DC TO AUDIO FSK MODEMS
- 0 M0809 A REMOVE DIGITAL MODEMS
- 0 P0870 K ISOLATE MALFUNCTIONS IN CMSD PRINTED CIRCUIT BOARD TO COMPONENTS
- 0 P0901 A REMOVE CMSD CIRCUIT BOARDS
- 0 P0956 A REPLACE CMSD
- 0 Q0958 A ADJUST AMPLITUDE EQUALIZER COMPONENTS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0960 A ADJUST ATOMIC FREQUENCY STANDARD COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0966 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 0 Q0968 A ADJUST BINARY-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS

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- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0972 A ADJUST COMPRESSION AMPLIFIER COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0978 A ADJUST FREQUENCY DIVERSITY COMBINER COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0982 A ADJUST HIGH FREQUENCY (HF) MIXER COMPONENTS
- 0 Q0983 A ADJUST HOT LINE ASSEMBLY COMPONENTS AND CIRCUITS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0985 A ADJUST LINE EQUALIZER COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0988 A ADJUST PILOT TONE OSCILLATOR COMPONENTS
- 0 Q0994 A ADJUST SIX WAY/FOUR WIRE BRIDGES
- 0 Q0995 A ADJUST STEPPING SWITCH COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q0999 A ADJUST TELEPHONE CONVERTERS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1009 K ISOLATE MALFUNCTIONS IN ATOMIC STANDARDS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1012 K ISOLATE MALFUNCTIONS IN AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1015 K ISOLATE MALFUNCTIONS IN BINARY-TO-ANALOG CONVERTERS
- 0 Q1016 K ISOLATE MALFUNCTIONS IN CARRIER LEVEL DETECTORS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1024 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 0 Q1025 K ISOLATE MALFUNCTIONS IN LINE EQUALIZERS
- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1031 K ISOLATE MALFUNCTIONS IN REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1037 K ISOLATE MALFUNCTIONS IN SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1040 K ISOLATE MALFUNCTIONS IN SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1042 K ISOLATE MALFUNCTIONS IN SOLID-STATE MULTIPLIERS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1047 K ISOLATE MALFUNCTIONS IN SOLID-STATE HF MIXERS
- 0 Q1050 K ISOLATE MALFUNCTIONS IN SPEAKER SYSTEMS
- 0 Q1057 K ISOLATE MALFUNCTIONS IN TUBE TYPE COMPRESSION AMPLIFIERS
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1072 K ISOLATE MALFUNCTIONS IN PA SYSTEMS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1089 A PERFORM PMI ON HYBRID/FOUR-WIRE TERM UNITS
- 0 Q1095 A PERFORM PMI ON REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1096 A PERFORM PMI ON RINGDOWN CONVERTERS
- 0 Q1099 A PERFORM PMI ON PA SYSTEMS
- 0 Q1102 A REMOVE AMPLITUDE EQUALIZERS
- 0 Q1121 A REMOVE ATTENUATORS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1126 A REMOVE BINARY-TO-ANALOG CONVERTERS
- 0 Q1127 A REMOVE CARRIER LEVEL DETECTORS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1133 A REMOVE FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1135 A REMOVE LINE EQUALIZERS
- 0 Q1136 A REMOVE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1139 A REMOVE REMOTE CONTROL DEVICES, OTHER THAN URG OR GIANT TALK REMOTE CONTROL DEVICES
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1144 A REMOVE SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1145 A REMOVE SOLID-STATE COMPRESSION AMPLIFIERS

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- 0 Q1146 A REMOVE SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1148 A REMOVE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1150 A REMOVE SOLID-STATE MULTIPLIERS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1155 A REMOVE SOLID-STATE HF MIXERS
- 0 Q1159 A REMOVE STATION BATTERIES
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1218 A REPLACE ATTENUATORS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1223 A REPLACE BINARY-TO-ANALOG CONVERTERS
- 0 Q1224 A REPLACE CARRIER LEVEL DETECTORS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1230 A REPLACE LINE AMPLIFIERS
- 0 Q1231 A REPLACE LINE EQUALIZERS
- 0 Q1232 A REPLACE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1234 A REPLACE PATCH PANELS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1240 A REPLACE SOLID-STATE COMPRESSION AMPLIFIERS
- 0 Q1241 A REPLACE SOLID-STATE EQUIPMENT CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1243 A REPLACE SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1250 A REPLACE SOLID-STATE SHF MIXERS
- 0 Q1253 A REPLACE SPEAKER SYSTEMS
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1321 A REMOVE CABLING BETWEEN SITE VANS
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 0 S1347 A INSTALL CROSS CONNECTIONS
- 0 S1349 A INSTALL INTERMEDIATE DISTRIBUTION FRAMES (IDF)
- 0 S1350 A INSTALL LINE CONDITIONING EQUIPMENT
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 S1362 A PERFORM ON-SITE E&I PROCEDURES
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1377 A PREPARE SITE FOR EQUIPMENT INSTALLATION
- 0 S1380 A REMOVE LINE CONDITIONING EQUIPMENT
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1393 A ADJUST BALANCED LINE MATCHING AMPLIFIERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 A0003 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF FIELD GROUND RADIO COMMUNICATIONS EQUIPMENT (GRCE)
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0275 A ADJUST EXTERNAL CONTROL OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0279 A INSTALL AUDIO LINE CONDITIONING SYSTEMS
- 4 G0282 A INSTALL COMMUNICATIONS PATCH PANELS
- 4 G0285 A INSTALL FIELD TELEPHONE SYSTEMS
- 4 G0290 A INSTALL INTERCOM SYSTEMS
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0318 A INSTALL OPERATOR CONSOLES INCLUDING LAUNCH CONTROL CONSOLES
- 4 G0320 A INSTALL PHONE PATCH SYSTEMS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0323 A INSTALL RADIO-TELEGRAPH SYSTEMS
- 4 G0327 A INSTALL SINGLE CHANNEL AUDIO RECORDER AND REPRODUCERS
- 4 G0345 A INSTALL TONE KEYS OR CONVERTERS
- 4 H0365 A ADJUST RADIO-TELEPHONE SYSTEMS

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- 4 H0366 A ADJUST RADIO-TELETYPE SYSTEMS
- 4 H0369 A ALIGN RADIO-TELEPHONE SYSTEMS
- 4 H0370 A ALIGN RADIO-TELETYPE SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0382 A OPERATIONALLY CHECK FM EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0388 A OPERATIONALLY CHECK RADIO-TELEGRAPH SYSTEMS
- 4 H0389 A OPERATIONALLY CHECK RADIO-TELEPHONE SYSTEMS
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 H0396 A REMOVE OR INSTALL HF SYSTEM LRU
- 4 H0401 A REMOVE OR INSTALL RADIO-TELEGRAPH SYSTEM LRU
- 4 H0402 A REMOVE OR INSTALL RADIO-TELEPHONE SYSTEM LRU
- 4 H0403 A REMOVE OR INSTALL RADIO-TELETYPE SYSTEM LRU
- 4 I0408 A ADJUST ANTENNA SYSTEM GUY WIRES OR ELEMENTS
- 4 I0417 K ISOLATE MALFUNCTIONS WITHIN AUTOMATIC KEYING SYSTEMS TO LINE REPLACEABLE UNITS (LRU)
- 4 I0422 K ISOLATE MALFUNCTIONS WITHIN BROADCASTING SYSTEMS TO LRU
- 4 I0423 K ISOLATE MALFUNCTIONS WITHIN COMMUNICATIONS PATCH PANELS TO LRU
- 4 I0424 K ISOLATE MALFUNCTIONS WITHIN DATA LINK SYSTEMS TO LRU
- 4 I0427 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT CONVERTERS TO LRU
- 4 I0428 K ISOLATE MALFUNCTIONS WITHIN FREQUENCY SHIFT KEYERS TO LRU
- 4 I0429 K ISOLATE MALFUNCTIONS WITHIN GENERATORS OR BACKUP POWER SUPPLIES TO LRU
- 4 I0430 K ISOLATE MALFUNCTIONS WITHIN INTERCOM SYSTEMS TO LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0434 K ISOLATE MALFUNCTIONS WITHIN SIGNAL CONDITIONING OR SHAPING EQUIPMENT TO LRU
- 4 I0435 K ISOLATE MALFUNCTIONS WITHIN SIGNAL SHIFTERS TO LRU
- 4 I0446 A MONITOR DATA LINK SYSTEMS
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0457 A OPERATIONALLY CHECK FREQUENCY SHIFT CONVERTERS
- 4 I0473 A REMOVE OR INSTALL COMMUNICATIONS PATCH PANEL LRU
- 4 I0478 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER LRU
- 4 I0482 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT LRU
- 4 I0484 A REMOVE OR INSTALL SIGNAL CONDITIONING EQUIPMENT LRU
- 4 I0486 A REPLACE HAND KEYS
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0493 A ALIGN MULTIPLE CHANNEL TRANSMISSION EQUIPMENT
- 4 J0495 A ALIGN RADIO-TELEPHONE EQUIPMENT
- 4 J0496 A ALIGN RADIO-TELETYPE EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0504 A BENCH CHECK HF POWER AMPLIFIERS OR SUBASSEMBLIES
- 4 J0507 A BENCH CHECK HF TRANSMITTERS OR SUBASSEMBLIES
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0519 A BENCH CHECK RADIO-TELEGRAPH EQUIPMENT
- 4 J0520 A BENCH CHECK RADIO-TELETYPE EQUIPMENT
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0538 A REMOVE OR INSTALL RADIO-TELEGRAPH EQUIPMENT PARTS
- 4 J0539 A REMOVE OR INSTALL RADIO-TELEPHONE EQUIPMENT PARTS
- 4 J0540 A REMOVE OR INSTALL RADIO-TELETYPE EQUIPMENT PARTS
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0552 A ALIGN COMMUNICATION PATCH PANEL DISCRETE PARTS
- 4 K0557 A ALIGN OPERATOR CONSOLE DISCRETE PARTS
- 4 K0559 A ALIGN PHONE PATCH EQUIPMENT DISCRETE PARTS
- 4 K0560 A ALIGN REMOTE CONTROL UNIT DISCRETE PARTS
- 4 K0562 A ALIGN SIGNAL CONDITIONING EQUIPMENT PARTS
- 4 K0564 A ALIGN TONE KEYS AND CONVERTER PARTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0571 A BENCH CHECK DATA LINK SYSTEM COMPONENTS
- 4 K0573 A BENCH CHECK FREQUENCY SHIFT CONVERTERS AND KEYERS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0584 A BENCH CHECK TONE KEYS AND CONVERTERS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 K0586 A REMOVE OR INSTALL ANTENNA TUNING UNIT DISCRETE PARTS

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- 4 K0591 A REMOVE OR INSTALL COMMUNICATION PATCH PANEL DISCRETE PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0595 A REMOVE OR INSTALL FREQUENCY SHIFT CONVERTER DISCRETE PARTS
- 4 K0596 A REMOVE OR INSTALL INTERCOM EQUIPMENT DISCRETE PARTS
- 4 K0597 A REMOVE OR INSTALL MICROPHONE DISCRETE PARTS
- 4 K0598 A REMOVE OR INSTALL MULTIPLEX EQUIPMENT DISCRETE PARTS
- 4 K0599 A REMOVE OR INSTALL OPERATOR CONSOLE DISCRETE PARTS
- 4 K0600 A REMOVE OR INSTALL PERFORATOR-TRANSMITTER DISCRETE PARTS
- 4 K0601 A REMOVE OR INSTALL PHONE PATCH EQUIPMENT DISCRETE PARTS
- 4 K0603 A REMOVE OR INSTALL REMOTE CONTROL UNIT DISCRETE PARTS
- 4 K0605 A REMOVE OR INSTALL SIGNAL CONDITIONING EQUIPMENT PARTS
- 4 K0606 A REMOVE OR INSTALL SIGNAL SHIFTER PARTS
- 4 K0607 A REMOVE OR INSTALL TONE KEYS AND CONVERTER PARTS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 4 L0614 A REMOVE OR INSTALL DUMMY LOAD ANTENNA PARTS
- 4 M0617 A ADJUST MOBILE ANTENNA SYSTEMS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0631 A OPERATIONALLY CHECK MOBILIZERS OR TRANSPORTERS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 4 M0635 A REMOVE OR INSTALL JACK STANDS
- 4 M0636 A REMOVE OR INSTALL LRU OF MOBILE ANTENNA SYSTEMS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0208 A PERFORM SYSTEM MODIFICATIONS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0235 K ISOLATE MALFUNCTIONS IN DIPOLE ANTENNAS
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0252 A PERFORM PHIS ON INTERLOCK SAFETY EQUIPMENT
- 6 J0255 A REMOVE OR REPLACE ANTENNA LIGHTS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 J0272 A REMOVE OR REPLACE RF RELAYS
- 6 K0279 A ALIGN FREQUENCY MODULATION (FM) DETECTOR OR DISCRIMINATOR COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 L0315 A ALIGN EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0321 A ALIGN TRANSMIT POWER MONITORS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)

EQUIPMENT ITEM: AN/TSC-60(V)5

- 6 L0326 K ISOLATE MALFUNCTIONS IN DIGITAL INTERFACE UNITS (DIU)
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0346 K ISOLATE MALFUNCTIONS TO FLOW REGULATORS OR SWITCHES
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0375 K ISOLATE MALFUNCTIONS WITHIN RF CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0396 A PERFORM PMIS ON AUTOMATIC LEVELING CONTROLS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0426 A REMOVE OR REPLACE POWER COMBINERS
- 6 L0427 A REMOVE OR REPLACE RF CONTROLS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0438 A ADJUST LOOP CURRENT CONTROL PANEL COMPONENTS
- 6 M0440 A ALIGN AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0444 A ALIGN E-AND-M SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 M0448 A ALIGN FREQUENCY SHIFT CONVERTER COMPONENTS
- 6 M0449 A ALIGN FREQUENCY SHIFT KEYS COMPONENTS
- 6 M0456 A ALIGN TELETYPE MULTIPLEXER COMPONENTS
- 6 M0458 A ALIGN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 6 M0460 K ISOLATE MALFUNCTIONS IN AFC COMPONENTS
- 6 M0461 K ISOLATE MALFUNCTIONS IN CARRIER GENERATORS
- 6 M0466 K ISOLATE MALFUNCTIONS IN FREQUENCY DIVISION MULTIPLEXERS
- 6 M0467 K ISOLATE MALFUNCTIONS IN FREQUENCY GENERATORS
- 6 M0468 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT CONVERTERS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYS
- 6 M0471 K ISOLATE MALFUNCTIONS IN LOOP CURRENT CONTROL PANELS
- 6 M0473 K ISOLATE MALFUNCTIONS IN NEUTRAL DC POWER SUPPLIES
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0486 K ISOLATE MALFUNCTIONS TO FREQUENCY DIVISION MULTIPLEXERS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 M0490 K ISOLATE MALFUNCTIONS TO OUT-OF-BAND SIGNALING AND CONTROL CIRCUITS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0499 A PERFORM PMIS ON TELETYPE MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0500 A PERFORM PMIS ON TELETYPE MULTIPLEXERS
- 6 M0504 A ADJUST POWER SUPPLY INTERFACE UNITS
- 6 O0523 K ISOLATE MALFUNCTIONS IN BPSK MODEMS
- 6 O0536 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEM CONTROLS
- 6 O0542 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEM CONTROLS
- 6 O0543 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEMS
- 6 P0560 A ALIGN PHASE SHIFTER COMPONENTS
- 6 P0578 K ISOLATE MALFUNCTIONS IN ANTENNA ELECTRICAL DRIVE TRANSMISSIONS
- 6 P0579 K ISOLATE MALFUNCTIONS IN ANTENNA MECHANICAL DRIVE TRANSMISSIONS
- 6 P0580 K ISOLATE MALFUNCTIONS IN FERRITE SCANNERS
- 6 P0582 K ISOLATE MALFUNCTIONS TO PHASE SHIFTERS
- 6 P0600 A REMOVE OR REPLACE SCR COMPONENTS
- 6 Q0603 A ADJUST AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0607 A ALIGN AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS

EQUIPMENT ITEM: AN/TSC-60(V)5

- 6 Q0611 A ALIGN BUFFER OR ISOLATION AMPLIFIER COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0619 A ALIGN LINE AMPLIFIER COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0622 A ALIGN RECEIVE OR TRANSMIT PATH EQUALIZER COMPONENTS
- 6 Q0624 K ISOLATE MALFUNCTIONS IN AMPLITUDE OR LINE EQUALIZERS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0630 K ISOLATE MALFUNCTIONS IN BUFFER OR ISOLATION AMPLIFIERS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0636 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0639 K ISOLATE MALFUNCTIONS IN MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0647 K ISOLATE MALFUNCTIONS IN UHF MIXERS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0674 A REMOVE OR REPLACE AMPLITUDE OR LINE EQUALIZERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0688 A REMOVE OR REPLACE LINE AMPLIFIERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0690 A REMOVE OR REPLACE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0691 A REMOVE OR REPLACE MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0692 A REMOVE OR REPLACE PATCH PANELS
- 6 Q0694 A REMOVE OR REPLACE POWER DISTRIBUTION PANEL COMPONENTS
- 6 Q0695 A REMOVE OR REPLACE POWER DISTRIBUTION PANELS
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0709 A INSTALL OR REMOVE LINE CONDITIONING EQUIPMENT
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 R0716 A PREPARE MOBILITY SITE FOR INSTALLATION
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS

EQUIPMENT ITEM: AN/TSW-7

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K USE METRIC NOTATION

EQUIPMENT ITEM: AN/TSW-7

- 0 G0167 A PERFORM EMERGENCY POWER CHANGEOVERS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0218 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0250 A REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0294 K ISOLATE MALFUNCTIONS IN DIPLEXERS (DUPLEXERS)
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0321 A REMOVE DIPLEXERS (DUPLEXERS)
- 0 J0344 A REPLACE DIPLEXERS (DUPLEXERS)
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0367 A ADJUST SQUELCH CIRCUIT COMPONENTS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0387 K ISOLATE MALFUNCTIONS IN SOLID-STATE SQUELCH CIRCUITS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0413 K ISOLATE MALFUNCTIONS IN UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0415 K ISOLATE MALFUNCTIONS IN VHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0417 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AM RECEIVERS
- 0 K0453 A REMOVE SOLID-STATE SQUELCH CIRCUITS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0496 A REPLACE SOLID-STATE SQUELCH CIRCUITS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0528 A ALIGN AM UHF TRANSMITTERS
- 0 L0529 A ALIGN AM VHF TRANSMITTERS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0559 K ISOLATE MALFUNCTIONS IN UHF POWER AMPLIFIERS
- 0 L0560 K ISOLATE MALFUNCTIONS IN VHF POWER AMPLIFIERS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 M0656 K ISOLATE MALFUNCTIONS IN TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0686 A REMOVE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 M0721 A REPLACE TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUITS
- 0 N0746 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0967 A ADJUST BATTERY CHARGING SYSTEM COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS

EQUIPMENT ITEM: AN/TSW-7

- 0 Q1026 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1032 K ISOLATE MALFUNCTIONS IN SELECTIVE SIGNALING SUBSYSTEMS, OTHER THAN ORDERWIRE
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1050 K ISOLATE MALFUNCTIONS IN SPEAKER SYSTEMS
- 0 Q1051 K ISOLATE MALFUNCTIONS IN STATION BATTERIES
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1097 A PERFORM PMI ON SPEAKER SYSTEMS
- 0 Q1123 A REMOVE AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1125 A REMOVE BATTERY CHARGING SYSTEMS
- 0 Q1140 A REMOVE SELECTIVE SIGNALING SUBSYSTEMS, OTHER THAN ORDERWIRE
- 0 Q1143 A REMOVE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1158 A REMOVE SPEAKER SYSTEMS
- 0 Q1159 A REMOVE STATION BATTERIES
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1222 A REPLACE BATTERY CHARGING SYSTEMS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1248 A REPLACE SOLID-STATE AFC
- 0 Q1253 A REPLACE SPEAKER SYSTEMS
- 0 Q1256 A REPLACE TELEPHONE CONVERTERS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 4 G0276 A ALIGN INTERNAL CIRCUITRY OF RADIO OR AUXILIARY EQUIPMENT AFTER INITIAL INSTALLATION
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0308 A INSTALL MULTIPLE CHANNEL UHF RECEIVERS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 G0314 A INSTALL MULTIPLE CHANNEL VHF RECEIVERS
- 4 G0315 A INSTALL MULTIPLE CHANNEL VHF TRANSCEIVERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0343 A INSTALL SPEAKERS OR PUBLIC ADDRESS SYSTEMS
- 4 G0350 A INSTALL UHF RECEIVERS
- 4 G0351 A INSTALL UHF TRANSCEIVERS
- 4 G0355 A INSTALL VHF RECEIVERS
- 4 G0356 A INSTALL VHF TRANSCEIVERS
- 4 H0375 K ISOLATE MALFUNCTIONS WITHIN MULTIPLE CHANNEL EQUIPMENT
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0379 K ISOLATE MALFUNCTIONS WITHIN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0393 A OPERATIONALLY CHECK VHF EQUIPMENT
- 4 H0405 A REMOVE OR INSTALL UHF SYSTEM LRU
- 4 H0406 A REMOVE OR INSTALL VHF SYSTEM LRU
- 4 I0420 K ISOLATE MALFUNCTIONS WITHIN BATTERY CHARGERS TO LRU
- 4 I0429 K ISOLATE MALFUNCTIONS WITHIN GENERATORS OR BACKUP POWER SUPPLIES TO LRU
- 4 I0431 K ISOLATE MALFUNCTIONS WITHIN MOBILE ANTENNA SYSTEMS TO LRU
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0454 A OPERATIONALLY CHECK EMERGENCY POWER SUPPLIES
- 4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS
- 4 I0470 A REMOVE OR INSTALL BATTERY CHARGER LRU
- 4 I0483 A REMOVE OR INSTALL RECORDER AND REPRODUCER LRU
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0493 A ALIGN MULTIPLE CHANNEL TRANSMISSION EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0500 A ALIGN VERY HIGH FREQUENCY (VHF) EQUIPMENT
- 4 J0515 A BENCH CHECK MULTIPLE CHANNEL RECEIVERS
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0523 A BENCH CHECK UHF RECEIVERS
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 J0527 A BENCH CHECK VHF RECEIVERS
- 4 J0528 A BENCH CHECK VHF TRANSCEIVERS
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 J0542 A REMOVE OR INSTALL VHF EQUIPMENT PARTS

EQUIPMENT ITEM: AN/TSH-7

- 4 K0546 A ALIGN AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0557 A ALIGN OPERATOR CONSOLE DISCRETE PARTS
- 4 K0567 A BENCH CHECK AUDIO RECORDER-REPRODUCERS
- 4 K0569 A BENCH CHECK BATTERY CHARGERS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0587 A REMOVE OR INSTALL AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0589 A REMOVE OR INSTALL BATTERY CHARGER DISCRETE PARTS
- 4 K0597 A REMOVE OR INSTALL MICROPHONE DISCRETE PARTS
- 4 K0603 A REMOVE OR INSTALL REMOTE CONTROL UNIT DISCRETE PARTS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0631 A OPERATIONALLY CHECK MOBILIZERS OR TRANSPORTERS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 4 M0636 A REMOVE OR INSTALL LRU OF MOBILE ANTENNA SYSTEMS
- 6 G0160 A PERFORM EMERGENCY POWER CHANGEOVERS
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 I0202 K ISOLATE MALFUNCTIONS IN SYSTEMS TO SPECIFIC EQUIPMENT
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0208 A PERFORM SYSTEM MODIFICATIONS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0243 K ISOLATE MALFUNCTIONS IN TRANSMIT SPLITTERS OR ANTENNA COUPLERS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0263 A REMOVE OR REPLACE DIPLEXERS OR DUPLEXERS
- 6 K0290 K ISOLATE MALFUNCTIONS IN UHF RECEIVE RF AMPLIFIERS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0321 A ALIGN TRANSMIT POWER MONITORS
- 6 L0322 A ALIGN ULTRA HIGH FREQUENCY (UHF) RECEIVER-TRANSMITTERS (RT)
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0352 K ISOLATE MALFUNCTIONS TO LINE VOLTAGE REGULATORS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0375 K ISOLATE MALFUNCTIONS WITHIN RF CONTROLS
- 6 L0402 A PERFORM PHIS ON UHF TRANSMITTERS
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0458 A ALIGN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 6 M0462 K ISOLATE MALFUNCTIONS IN DC POWER SUPPLY LINE ISOLATION ASSEMBLIES OR BATTERY ISOLATION RELAY ASSEMBLY COMPONENTS
- 6 M0480 K ISOLATE MALFUNCTIONS IN TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0495 K ISOLATE MALFUNCTIONS TO TWO-WIRE/FOUR-WIRE CONVERSION AND TERMINATION CIRCUITS
- 6 M0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0638 K ISOLATE MALFUNCTIONS IN MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0646 K ISOLATE MALFUNCTIONS IN SHF MIXERS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0663 A PERFORM PHIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS

EQUIPMENT ITEM: AN/TSW-7

- 6 Q0673 A PERFORM PHIS ON SPEAKER SYSTEMS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 S0739 A PERFORM OPERATOR MAINTENANCE ON POWERED VEHICLES

EQUIPMENT ITEM: AN/UGC-129

- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE SPEAKERS
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTROMECHANICAL THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSMISSION LINES
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT TUNNEL DIODES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 Q1075 K ISOLATE MALFUNCTIONS TO CRYPTOGRAPHIC EQUIPMENT
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 H0370 A ALIGN RADIO-TELETYPE SYSTEMS
- 4 H0390 A OPERATIONALLY CHECK RADIO-TELETYPE SYSTEMS
- 4 H0403 A REMOVE OR INSTALL RADIO-TELETYPE SYSTEM LRU
- 4 J0540 A REMOVE OR INSTALL RADIO-TELETYPE EQUIPMENT PARTS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE

EQUIPMENT ITEM: AN/UGC-129

- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0671 A PERFORM PHIS ON LOW SPEED PRINTERS

EQUIPMENT ITEM: AN/URC-92

- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SPEAKERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY AM TRANSMITTERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS

EQUIPMENT ITEM: AN/URC-92

- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SIDEBAND TRANSMITTERS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT AM TRANSMITTERS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT SINGLE SIDEBAND RECEIVERS
- K TROUBLESHOOT SINGLE SIDEBAND TRANSMITTERS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE REFLECTOMETER

- 0 I0235 A REMOVE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 N0724 A ADJUST COMPONENTS IN CRYPTOGRAPHIC DEVICES
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0736 K ISOLATE MALFUNCTIONS IN CRYPTOGRAPHIC DEVICES
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1392 A ADJUST AUDIO CIRCUITS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0503 A BENCH CHECK HF EXCITERS

EQUIPMENT ITEM: AN/URC-92

- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0516 A BENCH CHECK MULTIPLE CHANNEL TRANSCEIVERS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0580 A BENCH CHECK PUBLIC ADDRESS SYSTEM COMPONENTS
- 4 K0585 A REMOVE AND REPLACE ANTENNA COUPLER DISCRETE PARTS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0264 A REMOVE OR REPLACE DIPOLE ANTENNA COMPONENTS
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: 184Z-1

- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSMISSION LINES
- K APPLY DC MOTOR THEORY OF OPERATION
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS

EQUIPMENT ITEM: 184Z-1

- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 L0315 A ALIGN EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS

EQUIPMENT ITEM: 208U-10

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CHOPPERS (SYNCHROUS VIBRATORS)
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF DISCRIMINATORS
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CHOPPERS (SYNCHROUS VIBRATORS)
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY DISCRIMINATORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY IGC AMPLIFIER TUBE
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS

EQUIPMENT ITEM: 208U-10

- K ISOLATE FAULTY ZENER DIODES
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT CHOPPERS (SYNCHROUS VIBRATORS)
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT ELECTRON TUBES
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE CAPACITOR TESTER
- S USE SPECTRUM ANALYZER
- S USE TUBE TESTER
- 0 G0159 A PERFORM AMPLITUDE LINEARITY TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0547 K ISOLATE MALFUNCTIONS IN TUBE TYPE TRANSMIT GAIN CONTROLS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0562 K ISOLATE MALFUNCTIONS TO SOLID-STATE DIRECTIONAL COUPLERS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1078 A PERFORM PHI ON AMPLIFIERS
- 0 Q1127 A REMOVE CARRIER LEVEL DETECTORS
- 0 Q1141 A REMOVE SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1190 A REPAIR MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SYSTEMS
- 0 Q1202 A REPAIR MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1224 A REPLACE CARRIER LEVEL DETECTORS
- 0 S1362 A PERFORM ON-SITE E&I PROCEDURES
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1370 A PERFORM MDM
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT

EQUIPMENT ITEM: 203U-10

- 4 H0380 A LUBRICATE MECHANICAL PARTS OF GROUND RADIO EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0522 A BENCH CHECK UHF POWER AMPLIFIERS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 6 G0158 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT EARTH TERMINAL PATCH PANELS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: 208U-3

- A PERFORM CAPACITOR CALCULATIONS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION

EQUIPMENT ITEM: 208U-3

- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF DISCRIMINATORS
- K APPLY THEORY OF OPERATION OF ELECTROMECHANICAL ASSEMBLIES
- K APPLY THEORY OF OPERATION OF ROTARY SWITCHES
- K APPLY THEORY OF OPERATION OF VARISTORS
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY APPROXIMATION A-D CONVERTERS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY DISCRIMINATORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FUSES
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY RAMP A-D CONVERTERS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K ISOLATE FAULTY WEIGHTED RESISTOR D-A CONVERTERS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT APPROXIMATION A-D CONVERTERS
- K TROUBLESHOOT BIPOLAR JUNCTION TRANSISTORS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FAULTY DISCRIMINATORS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RAMP A-D CONVERTERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT SCR
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSFORMERS

EQUIPMENT ITEM: 208U-3

- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT MULTIVIBRATORS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- K TROUBLESHOOT WEIGHTED RESISTOR D-A CONVERTERS
- K TROUBLESHOOT ZENER DIODES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE CAPACITOR TESTER
- S USE SPECTRUM ANALYZER
- S USE TUBE TESTER

- 0 G0159 A PERFORM AMPLITUDE LINEARITY TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0247 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 K0353 A ADJUST DISCRIMINATOR COMPONENTS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0547 K ISOLATE MALFUNCTIONS IN TUBE TYPE TRANSMIT GAIN CONTROLS
- 0 L0556 K ISOLATE MALFUNCTIONS IN HF POWER AMPLIFIERS
- 0 L0562 K ISOLATE MALFUNCTIONS TO SOLID-STATE DIRECTIONAL COUPLERS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1103 A REMOVE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1141 A REMOVE SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1169 A REPAIR MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1176 A REPAIR MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1190 A REPAIR MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SYSTEMS
- 0 Q1202 A REPAIR MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 S1362 A PERFORM ON-SITE E&I PROCEDURES
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1370 A PERFORM MDH
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0380 A LUBRICATE MECHANICAL PARTS OF GROUND RADIO EQUIPMENT

EQUIPMENT ITEM: 208U-3

- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0499 A ALIGN UHF EQUIPMENT
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 J0541 A REMOVE OR INSTALL UHF EQUIPMENT PARTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 6 G0158 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT EARTH TERMINAL PATCH PANELS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 I0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0328 K ISOLATE MALFUNCTIONS IN FORWARD POWER MONITORS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: 618T-1

- A PERFORM CAPACITOR CALCULATIONS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE BIPOLAR JUNCTION TRANSISTORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SYNCHRO/SERVOS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY BIPOLAR JUNCTION TRANSISTOR THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY DISPLAY TUBE THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION

EQUIPMENT ITEM: 618T-1

- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY TRANSDUCER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET BIPOLAR JUNCTION TRANSISTOR SPECIFICATIONS
- K INTERPRET CAPACITOR COLOR CODES
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CHOPPERS (SYNCHRONOUS VIBRATORS)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY DISPLAY TUBES
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY ELECTRON TUBES
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY TRANSDUCERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM TRANSFORMER CALCULATIONS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT CLAMPER CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RECEIVERS
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS

EQUIPMENT ITEM: 618T-1

- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER
- S USE TUBE TESTER

- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0179 A PERFORM NOISE RATIO TESTS
- 0 K0364 A ADJUST RECEIVER AMPLITUDE MODULATION (AM) DETECTOR COMPONENTS
- 0 K0372 A ALIGN SIDEBAND RECEIVERS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0400 K ISOLATE MALFUNCTIONS IN TUBE TYPE SIDEBAND RECEIVERS
- 0 K0404 K ISOLATE MALFUNCTIONS IN TUBE TYPE AM RECEIVERS
- 0 K0417 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AM RECEIVERS
- 0 K0419 A PERFORM PMI ON SIDEBAND RECEIVERS
- 0 K0429 A REMOVE AND REPLACE TUBE TYPE SIDEBAND RECEIVERS
- 0 K0433 A REMOVE AND REPLACE TUBE TYPE AM RECEIVERS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0547 K ISOLATE MALFUNCTIONS IN TUBE TYPE TRANSMIT GAIN CONTROLS
- 0 L0571 A REMOVE AND REPLACE TUBE TYPE TRANSMIT GAIN CONTROLS
- 4 G0331 A INSTALL SINGLE CHANNEL HF RECEIVERS
- 4 G0340 A INSTALL SINGLE CHANNEL SIDE BAND RECEIVERS
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 H0391 A OPERATIONALLY CHECK SIDE BAND EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 4 J0497 A ALIGN SIDE BAND EQUIPMENT
- 4 J0505 A BENCH CHECK HF RECEIVERS
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS

EQUIPMENT ITEM: 635W-1

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY RELAYS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE CAPACITOR TESTER

- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0238 A REMOVE MECHANICAL COMPONENTS

EQUIPMENT ITEM: 635W-1

- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0605 A REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 Q0997 A ADJUST SYNCHRO (SERVO) SYSTEM COMPONENTS, OTHER THAN SATELLITE TRACKING SYNCHRO (SERVO) SYSTEM COMPONENTS
- 0 Q1033 K ISOLATE MALFUNCTIONS IN SERVO SYSTEMS, OTHER THAN SATELLITE TRACKING SERVO SYSTEMS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 P0587 K ISOLATE MALFUNCTIONS TO TRACKING SERVO CONTROLS

EQUIPMENT ITEM: 651G-1

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE ELECTRON TUBES
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE TRANSFORMERS
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY SCR THEORY OF OPERATION
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY TRANSFORMERS
- 0 I0204 A VERIFY OPERATIONAL READINESS WITH GROUND NETWORK TERMINALS
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0245 A REPLACE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 K0355 A ADJUST HIGH FREQUENCY (HF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 0 K0357 A ADJUST LIMITER COMPONENTS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0407 K ISOLATE MALFUNCTIONS IN HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0408 K ISOLATE MALFUNCTIONS IN HF TUBE TYPE RECEIVE RF AMPLIFIERS
- 0 M0621 A ADJUST IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 M0622 A ADJUST LEVEL REGULATOR COMPONENTS
- 0 M0623 A ADJUST OUT-OF-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0491 A ALIGN HIGH FREQUENCY (HF) EQUIPMENT

EQUIPMENT ITEM: 651G-1

- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 M0451 A ALIGN IN-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 M0452 A ALIGN OUT-OF-BAND SIGNALING AND CONTROL CIRCUIT COMPONENTS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES

EQUIPMENT ITEM: 671B-1

- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY MULTIVIBRATOR CIRCUITS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K PERFORM DC CIRCUIT CALCULATIONS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT MULTIVIBRATORS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE CAPACITOR TESTER
- S USE SPECTRUM ANALYZER
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0373 A ALIGN AM RECEIVERS
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 K0385 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND DEMODULATORS
- 0 K0386 K ISOLATE MALFUNCTIONS IN SOLID-STATE SIDEBAND RECEIVERS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0407 K ISOLATE MALFUNCTIONS IN HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0501 A REPLACE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0526 A ALIGN AM HF TRANSMITTERS
- 0 L0542 K ISOLATE MALFUNCTIONS IN SOLID-STATE AM MODULATORS
- 0 L0544 K ISOLATE MALFUNCTIONS IN SOLID-STATE IF AMPLIFIERS
- 0 L0580 A REMOVE SOLID-STATE AM MODULATORS
- 0 L0582 A REMOVE SOLID-STATE IF AMPLIFIERS

EQUIPMENT ITEM: 671B-1

- 0 L0610 A REPLACE SOLID-STATE AM MODULATORS
- 0 L0612 A REPLACE SOLID-STATE IF AMPLIFIERS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 Q0962 A ADJUST AUDIO AMPLIFIER COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q1004 A ALIGN TRANSCEIVERS
- 0 Q1035 K ISOLATE MALFUNCTIONS IN SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1036 K ISOLATE MALFUNCTIONS IN SOLID-STATE BASEBAND AMPLIFIERS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1040 K ISOLATE MALFUNCTIONS IN SOLID-STATE ISOLATION AMPLIFIERS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1047 K ISOLATE MALFUNCTIONS IN SOLID-STATE HF MIXERS
- 0 Q1054 K ISOLATE MALFUNCTIONS IN TRANSCEIVERS
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1238 A REPLACE SOLID-STATE AUDIO AMPLIFIERS
- 0 Q1244 A REPLACE SOLID-STATE LOCAL OSCILLATORS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 T1391 A ADJUST AUDIO AMPLIFIERS
- 0 T1393 A ADJUST BALANCED LINE MATCHING AMPLIFIERS
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 G0297 A INSTALL MULTIPLE CHANNEL HF EXCITERS
- 4 G0299 A INSTALL MULTIPLE CHANNEL HF RECEIVERS
- 4 G0305 A INSTALL MULTIPLE CHANNEL LF TRANSMITTERS
- 4 H0373 K ISOLATE MALFUNCTIONS WITHIN HIGH FREQUENCY (HF) EQUIPMENT
- 4 H0377 K ISOLATE MALFUNCTIONS WITHIN SIDE BAND EQUIPMENT
- 4 H0383 A OPERATIONALLY CHECK HF EQUIPMENT
- 4 J0505 A BENCH CHECK HF RECEIVERS
- 4 J0506 A BENCH CHECK HF TRANSCEIVERS OR SUBASSEMBLIES
- 4 J0534 A REMOVE OR INSTALL HF EQUIPMENT PARTS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE TIME REPLACEABLE UNITS (LRU)
- 6 K0281 A ALIGN RECEIVE INTERMEDIATE FREQUENCY (IF) COMPONENTS
- 6 L0320 A ALIGN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROL COMPONENTS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS
- 6 M0482 K ISOLATE MALFUNCTIONS TO CARRIER GENERATORS
- 6 M0487 K ISOLATE MALFUNCTIONS TO FREQUENCY GENERATORS
- 6 Q0609 A ALIGN AUDIO AMPLIFIER COMPONENTS
- 6 Q0626 K ISOLATE MALFUNCTIONS IN AUDIO AMPLIFIERS
- 6 Q0635 K ISOLATE MALFUNCTIONS IN IF TO RF TEST TRANSLATORS
- 6 Q0637 K ISOLATE MALFUNCTIONS IN LOCAL OSCILLATORS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0649 K ISOLATE MALFUNCTIONS TO AUDIO AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS

EQUIPMENT ITEM: AN/GSH-56

- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SYNCHRO/SERVOS

- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 M0627 A ADJUST TWO WIRE/FOUR WIRE CONVERSION AND TERMINATION CIRCUIT COMPONENTS
- 0 Q0984 A ADJUST LINE AMPLIFIER COMPONENTS
- 0 Q0997 A ADJUST SYNCHRO (SERVO) SYSTEM COMPONENTS, OTHER THAN SATELLITE TRACKING SYNCHRO (SERVO) SYSTEM COMPONENTS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 I0448 A OPERATIONALLY CHECK AUTOMATIC RECORDING SYSTEMS
- 4 K0547 A ALIGN AUTOMATIC RECORDING EQUIPMENT DISCRETE PARTS
- 4 K0587 A REMOVE OR INSTALL AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0588 A REMOVE OR INSTALL AUTOMATIC RECORDING EQUIPMENT DISCRETE PARTS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 Q0610 A ALIGN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: CV-3034

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE INTEGRATED CIRCUITS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY MAGNETIC AMPLIFIER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY THEORY OF OPERATION OF ANALOG-TO-DIGITAL AND DIGITAL-TO-ANALOG CONVERTERS
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY RCL CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LED
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS

EQUIPMENT ITEM: CV-3034

- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- S SOLDER OR DESOLDER P C BOARDS

- 0 G0159 A PERFORM AMPLITUDE LINEARITY TESTS
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0164 A PERFORM CHANGE IN AUDIO FREQUENCY TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1089 A PERFORM PMI ON HYBRID/FOUR-WIRE TERM UNITS
- 0 Q1103 A REMOVE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1169 A REPAIR MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1176 A REPAIR MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1217 A REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1227 A REPLACE DIGITAL-TO-ANALOG CONVERTERS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS

EQUIPMENT ITEM: AN/FRC-175

- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE TRANSMISSION LINES
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COAXIAL TRANSMISSION LINE THEORY OF OPERATION
- K APPLY DIGITAL TRANSMISSION THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K INTERPRET BIT ERROR CODES
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY COAXIAL TRANSMISSION LINES
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY TRANSMISSION LINES
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K REPAIR COAXIAL TRANSMISSION LINES
- K TROUBLESHOOT FAULTY COAXIAL TRANSMISSION LINES
- K TROUBLESHOOT TRANSMISSION LINES
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS

EQUIPMENT ITEM: AN/FRC-175

- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0249 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0298 K ISOLATE MALFUNCTIONS IN HELIX ANTENNAS
- 0 J0310 A PERFORM PMI ON HELIX ANTENNAS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0340 A REPLACE ANTENNA COUPLERS
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0604 A REPLACE DUMMY LOADS
- 0 S1348 A INSTALL FIXED COMMUNICATION EQUIPMENT
- 0 S1379 A REMOVE FIXED COMMUNICATION EQUIPMENT
- 4 G0286 A INSTALL FIXED REMOTE CONTROL UNITS
- 4 G0316 A INSTALL MULTIPLE CHANNEL VHF TRANSMITTERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0355 A INSTALL VHF RECEIVERS
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0214 A REMOVE OR REPLACE ELECTRONIC MICROMINIATURE COMPONENTS USING SOLDERING METHODS
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0238 K ISOLATE MALFUNCTIONS IN HELIX ANTENNAS
- 6 J0251 A PERFORM PMIS ON HELIX ANTENNAS
- 6 J0266 A REMOVE OR REPLACE HELIX ANTENNA COMPONENTS
- 6 K0295 A PERFORM OPERATIONAL TESTS ON EAM EQUIPMENT
- 6 K0301 A PERFORM PMIS ON UHF RECEIVE RF AMPLIFIERS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0380 A PERFORM OPERATIONAL TESTS ON ASR UNITS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0402 A PERFORM PMIS ON UHF TRANSMITTERS
- 6 L0404 A REMOVE OR REPLACE ASR UNITS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0418 A REMOVE OR REPLACE KLYSTRON AMPLIFIERS
- 6 Q0669 A PERFORM PMIS ON HIGH SPEED PRINTERS
- 6 Q0671 A PERFORM PMIS ON LOW SPEED PRINTERS
- 6 Q0672 A PERFORM PMIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/FSC-78

- A ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AM TRANSMITTERS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE DC GENERATORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LIMITER CIRCUIT ZENER DIODES
- A REMOVE OR REPLACE MAGNETIC AMPLIFIERS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPHONES
- A REMOVE OR REPLACE MICROWAVE OSCILLATORS OR AMPLIFIERS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE RELAYS
- A REMOVE OR REPLACE SCR
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE SYNCHRO/SERVO
- A REMOVE OR REPLACE THREE-PHASE TRANSFORMERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- A REMOVE OR REPLACE TRANSMISSION LINES
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVE GENERATING CIRCUITS
- A REMOVE OR REPLACE WAVEGUIDES
- A REMOVE OR REPLACE ZENER DIODES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY DISPLAY TUBE THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHOTOSENSITIVE DEVICE THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SEMI-CONDUCTOR THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION

EQUIPMENT ITEM: AN/FSC-78

- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K DEVELOP BOOLEAN EQUATIONS FROM LOGIC CIRCUITS OR DIAGRAMS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY CATHODE RAY TUBES (CRT)
- K ISOLATE FAULTY COMBINATIONAL LOGIC CIRCUITS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY DISPLAY TUBES
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LIMITER CIRCUIT ZENER DIODES
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY SCR
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM AC CIRCUIT CALCULATIONS
- K PERFORM DC CIRCUIT CALCULATIONS
- K PERFORM DC CRICUIT CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K TROUBLESHOOT 3-PHASE TRANSFORMERS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT AM RECEIVERS
- K TROUBLESHOOT COMBINATIONAL LOGIC CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT FM TRANSMITTERS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT MICROWAVE OSCILLATORS OR AMPLIFIERS
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RELAYS
- K TROUBLESHOOT SCR
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT SYNCHRO/SERVOS
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSMISSION LINES
- K TROUBLESHOOT TTL LOGIC FAMILIES
- K TROUBLESHOOT WAVEGUIDES
- K TROUBLESHOOT ZENER DIODES
- K USE METRIC NOTATION
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS

EQUIPMENT ITEM: AN/FSC-78

- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE CAPACITOR TESTER
- S USE SPECTRUM ANALYZER

- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 I0228 A REMOVE AND REPLACE DESICCANTS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0240 A REMOVE MOUNTING HARDWARE
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0292 K ISOLATE MALFUNCTIONS IN DEHYDRATORS
- 0 J0297 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 0 J0299 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS
- 0 J0319 A REMOVE DEHYDRATORS
- 0 J0324 A REMOVE FEEDHORN ASSEMBLIES
- 0 J0341 A REPLACE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0342 A REPLACE DEHYDRATORS
- 0 J0347 A REPLACE FEEDHORN ASSEMBLIES
- 0 K0442 A REMOVE PARAMETRIC (LOW NOISE) AMPLIFIERS
- 0 K0458 A REMOVE HF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 K0485 A REPLACE PARAMETRIC (LOW NOISE) AMPLIFIERS
- 0 K0502 A REPLACE SHF SOLID-STATE RECEIVE IFLA
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0519 A ADJUST TRANSMIT GAIN COMPONENTS
- 0 L0539 K ISOLATE MALFUNCTIONS IN LIQUID COOLING SYSTEMS
- 0 L0541 K ISOLATE MALFUNCTIONS IN SOLID-STATE POWER MONITORS
- 0 L0546 K ISOLATE MALFUNCTIONS IN TUBE TYPE POWER MONITORS
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0562 K ISOLATE MALFUNCTIONS TO SOLID-STATE DIRECTIONAL COUPLERS
- 0 L0570 A REMOVE AND REPLACE TUBE TYPE POWER MONITORS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0576 A REMOVE FLOW REGULATORS (SWITCHES)
- 0 L0577 A REMOVE LIQUID COOLING SYSTEM
- 0 L0604 A REPLACE DUMMY LOADS
- 0 L0606 A REPLACE FLOW REGULATORS (SWITCHES)
- 0 L0607 A REPLACE LIQUID COOLING SYSTEMS
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 M0670 A REMOVE DELAY EQUALIZERS
- 0 M0687 A REMOVE CVSD MODULATION CIRCUIT CARDS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 Q0809 A REMOVE DIGITAL MODEMS
- 0 Q0960 A ADJUST ATOMIC FREQUENCY STANDARD COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS

EQUIPMENT ITEM: AN/FSC-78

- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0997 A ADJUST SYNCHRO (SERVO) SYSTEM COMPONENTS, OTHER THAN SATELLITE TRACKING SYNCHRO (SERVO) SYSTEM COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1011 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1014 K ISOLATE MALFUNCTIONS IN BATTERY CHARGING SYSTEMS
- 0 Q1016 K ISOLATE MALFUNCTIONS IN CARRIER LEVEL DETECTORS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1051 K ISOLATE MALFUNCTIONS IN STATION BATTERIES
- 0 Q1058 K ISOLATE MALFUNCTIONS IN TUBE TYPE EQUIPMENT ALARM CIRCUIT, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1071 K ISOLATE MALFUNCTIONS IN VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1075 K ISOLATE MALFUNCTIONS TO CRYPTOGRAPHIC EQUIPMENT
- 0 Q1077 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AUTOMATIC TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1093 A PERFORM PMI ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 0 Q1098 A PERFORM PMI ON STATION BATTERIES
- 0 Q1102 A REMOVE AMPLITUDE EQUALIZERS
- 0 Q1122 A REMOVE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1125 A REMOVE BATTERY CHARGING SYSTEMS
- 0 Q1128 A REMOVE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1130 A REMOVE DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1131 A REMOVE FIBER OPTIC SYSTEMS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1149 A REMOVE SOLID-STATE LOCAL OSCILLATORS
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1162 A REMOVE VOLTAGE CONTROLLED OSCILLATORS
- 0 Q1164 A REMOVE RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 0 Q1165 A REMOVE RF DISTRIBUTION AMPLIFIERS
- 0 Q1216 A REPLACE AMPLITUDE EQUALIZERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1220 A REPLACE AUTOMATIC SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1222 A REPLACE BATTERY CHARGING SYSTEMS
- 0 Q1254 A REPLACE STATION BATTERIES
- 0 Q1259 A REPLACE RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 0 R1327 A REMOVE TRACKING ANTENNA GROUPS
- 0 S1353 A INSTALL TRACKING ANTENNA GROUPS
- 0 S1382 A REMOVE TRACKING ANTENNA GROUPS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0376 K ISOLATE MALFUNCTIONS WITHIN MULTIPLEX EQUIPMENT
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 4 K0594 A REMOVE OR INSTALL FIXED ANTENNA SYSTEM DISCRETE PARTS
- 4 K0598 A REMOVE OR INSTALL MULTIPLEX EQUIPMENT DISCRETE PARTS
- 4 K0599 A REMOVE OR INSTALL OPERATOR CONSOLE DISCRETE PARTS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0203 K ISOLATE MALFUNCTIONS TO FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 J0224 A ADJUST DEHYDRATOR OR PRESSURIZER COMPONENTS
- 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS

EQUIPMENT ITEM: AN/FSC-78

- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0237 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 6 J0239 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 6 J0244 K ISOLATE MALFUNCTIONS TO PARAMETRIC OR LOW NOISE AMPLIFIERS
- 6 J0245 K ISOLATE MALFUNCTIONS TO POWER DIVIDER ASSEMBLIES
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0253 A PERFORM PHIS ON PARABOLIC ANTENNAS
- 6 J0255 A REMOVE OR REPLACE ANTENNA LIGHTS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0258 A REMOVE OR REPLACE ANTENNA ROTATING EQUIPMENT
- 6 J0259 A REMOVE OR REPLACE ANTENNA ROTATING EQUIPMENT COMPONENTS
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0262 A REMOVE OR REPLACE DEHYDRATORS OR PRESSURIZERS
- 6 J0265 A REMOVE OR REPLACE FEEDHORN ASSEMBLY COMPONENTS
- 6 J0267 A REMOVE OR REPLACE INTERLOCK SAFETY EQUIPMENT
- 6 J0268 A REMOVE OR REPLACE PARABOLIC ANTENNA COMPONENTS
- 6 J0273 A REMOVE OR REPLACE SATELLITE TRACKING ANTENNA ROTATING EQUIPMENT COMPONENTS
- 6 J0274 A REMOVE OR REPLACE TRANSMIT SPLITTER OR ANTENNA COUPLER COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 K0283 A ALIGN SUPER HIGH FREQUENCY (SHF) RECEIVER AMPLIFIER OR INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 K0284 K ISOLATE MALFUNCTIONS IN CRYOGENIC REFRIGERATION SYSTEMS
- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0287 K ISOLATE MALFUNCTIONS IN PARAMETRIC OR LNAs
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS
- 6 K0293 K ISOLATE MALFUNCTIONS TO RECEIVE IFLAS
- 6 K0303 A REMOVE OR REPLACE CRYOGENIC REFRIGERATION SYSTEMS
- 6 K0306 A REMOVE OR REPLACE PARAMETRIC OR LNAs
- 6 K0310 A REMOVE OR REPLACE WAVEGUIDE SWITCHING NETWORKS
- 6 L0316 A ALIGN FORWARD POWER MONITORS
- 6 L0321 A ALIGN TRANSMIT POWER MONITORS
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0331 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIER MONITORING SYSTEMS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0335 K ISOLATE MALFUNCTIONS IN UP CONVERTERS
- 6 L0336 K ISOLATE MALFUNCTIONS IN UPLINK WAVEGUIDE SWITCHING NETWORKS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0345 K ISOLATE MALFUNCTIONS TO EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0346 K ISOLATE MALFUNCTIONS TO FLOW REGULATORS OR SWITCHES
- 6 L0348 K ISOLATE MALFUNCTIONS TO FORWARD POWER MONITORS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0352 K ISOLATE MALFUNCTIONS TO LINE VOLTAGE REGULATORS
- 6 L0353 K ISOLATE MALFUNCTIONS TO MAGNET CURRENT REGULATORS
- 6 L0356 K ISOLATE MALFUNCTIONS TO POWER COMBINERS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0361 K ISOLATE MALFUNCTIONS TO SHF POWER AMPLIFIER MONITORING SYSTEMS
- 6 L0362 K ISOLATE MALFUNCTIONS TO STATUS DISPLAY UNITS (SDU)
- 6 L0363 K ISOLATE MALFUNCTIONS TO SUPERVISORY STATUS PANELS (SSP)
- 6 L0364 K ISOLATE MALFUNCTIONS TO TRANSMIT IFLAS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0366 K ISOLATE MALFUNCTIONS TO TRAVELING WAVE TUBE (TWT) SHF TRANSMITTERS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0414 A REMOVE OR REPLACE FLOW REGULATORS OR SWITCHES
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 L0420 A REMOVE OR REPLACE LINE VOLTAGE REGULATORS
- 6 L0421 A REMOVE OR REPLACE LIQUID COOLING SYSTEMS (HEAT EXCHANGERS)
- 6 L0423 A REMOVE OR REPLACE MAGNET CURRENT REGULATORS
- 6 L0433 A REMOVE OR REPLACE TRANSMIT IFLAS

EQUIPMENT ITEM: AN/FSC-78

- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 L0435 A REMOVE OR REPLACE TWT SHF TRANSMITTERS
- 6 L0436 A REMOVE OR REPLACE TWTs
- 6 L0485 K ISOLATE MALFUNCTIONS TO ECHO SUPPRESSORS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0483 K ISOLATE MALFUNCTIONS TO DELAY EQUALIZERS
- 6 M0491 K ISOLATE MALFUNCTIONS TO PCM MULTIPLEXERS
- 6 M0494 K ISOLATE MALFUNCTIONS TO TIME DIVISION MULTIPLEXERS
- 6 M0503 A REMOVE OR REPLACE MULTIPLEXER COMPONENTS
- 6 M0506 K ISOLATE MALFUNCTIONS TO CONTROL SYNCHRONIZATION UNITS (CSU)
- 6 M0507 K ISOLATE MALFUNCTIONS TO CSU SUBSYSTEMS
- 6 M0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 M0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 M0510 K ISOLATE MALFUNCTIONS TO SPREAD SPECTRUM SYSTEM POWER SUPPLY UNITS
- 6 M0511 K ISOLATE MALFUNCTIONS WITHIN CSU SUBSYSTEMS
- 6 M0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
- 6 O0526 K ISOLATE MALFUNCTIONS TO BPSK MODEMS
- 6 O0532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 P0561 A ALIGN TRACKING DEMODULATOR COMPONENTS
- 6 P0562 A ALIGN TRACKING DOWN CONVERTER COMPONENTS
- 6 P0563 A ALIGN TRACKING RECEIVER COMPONENTS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 P0565 A ALIGN TRACKING SYNCHRO CONTROL COMPONENTS
- 6 P0566 A ALIGN TRACKING SYSTEMS
- 6 P0567 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0569 K ISOLATE MALFUNCTIONS IN MECHANICAL ANTENNA DRIVE TRANSMISSIONS
- 6 P0571 K ISOLATE MALFUNCTIONS IN SILICON CONTROL RECTIFIER (SCR) CABINETS
- 6 P0572 K ISOLATE MALFUNCTIONS IN TRACKING DEMODULATORS
- 6 P0573 K ISOLATE MALFUNCTIONS IN TRACKING DOWN CONVERTERS
- 6 P0574 K ISOLATE MALFUNCTIONS IN TRACKING RECEIVERS
- 6 P0575 K ISOLATE MALFUNCTIONS IN TRACKING SERVO CONTROLS
- 6 P0576 K ISOLATE MALFUNCTIONS IN TRACKING SYNCHRO CONTROLS
- 6 P0577 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0578 K ISOLATE MALFUNCTIONS IN ANTENNA ELECTRICAL DRIVE TRANSMISSIONS
- 6 P0579 K ISOLATE MALFUNCTIONS IN ANTENNA MECHANICAL DRIVE TRANSMISSIONS
- 6 P0580 K ISOLATE MALFUNCTIONS IN FERRITE SCANNERS
- 6 P0582 K ISOLATE MALFUNCTIONS TO PHASE SHIFTERS
- 6 P0583 K ISOLATE MALFUNCTIONS TO SCR CABINETS
- 6 P0584 K ISOLATE MALFUNCTIONS TO TRACKING DEMODULATORS
- 6 P0585 K ISOLATE MALFUNCTIONS TO TRACKING DOWN CONVERTERS
- 6 P0586 K ISOLATE MALFUNCTIONS TO TRACKING RECEIVERS
- 6 P0587 K ISOLATE MALFUNCTIONS TO TRACKING SERVO CONTROLS
- 6 P0588 K ISOLATE MALFUNCTIONS TO TRACKING SYNCHRO CONTROLS
- 6 P0589 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON ANTENNA DRIVE MOTORS
- 6 P0590 A PERFORM PHIS ON ANTENNA DRIVE TRANSMISSIONS
- 6 P0593 A PERFORM PHIS ON TRACKING DOWN CONVERTERS
- 6 P0594 A PERFORM PHIS ON TRACKING RECEIVERS
- 6 P0595 A PERFORM PHIS ON TRACKING SERVO CONTROLS
- 6 P0596 A PERFORM PHIS ON TRACKING SYNCHRO CONTROLS
- 6 P0597 A REMOVE OR REPLACE ANTENNA DRIVE MOTOR COMPONENTS
- 6 P0598 A REMOVE OR REPLACE ANTENNA TRACKING CONTROL DRAWERS
- 6 P0600 A REMOVE OR REPLACE SCR COMPONENTS
- 6 P0602 A REMOVE OR REPLACE TRACKING SYSTEM COMPONENTS
- 6 Q0605 A ADJUST CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0616 A ALIGN FREQUENCY SYNTHESIZER COMPONENTS
- 6 Q0627 K ISOLATE MALFUNCTIONS IN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0648 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0650 K ISOLATE MALFUNCTIONS TO CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0651 K ISOLATE MALFUNCTIONS TO CESIUM BEAM SYSTEM COMPONENTS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0654 K ISOLATE MALFUNCTIONS TO FIBER OPTIC SYSTEMS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0657 K ISOLATE MALFUNCTIONS TO LOCAL OSCILLATORS
- 6 Q0658 K ISOLATE MALFUNCTIONS TO RECEIVE GAIN MONITOR UNIT (RGHU)
- 6 Q0659 K ISOLATE MALFUNCTIONS TO RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 6 Q0661 K ISOLATE MALFUNCTIONS TO SYSTEMS STATUS LOGIC UNITS (SSLU)
- 6 Q0663 A PERFORM PHIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS

EQUIPMENT ITEM: AN/FSC-78

- 6 Q0664 A PERFORM PHIS ON CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0666 A PERFORM PHIS ON DISTRIBUTION AMPLIFIERS
- 6 Q0668 A PERFORM PHIS ON FREQUENCY SYNTHESIZERS
- 6 Q0672 A PERFORM PHIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0674 A REMOVE OR REPLACE AMPLITUDE OR LINE EQUALIZERS
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 Q0686 A REMOVE OR REPLACE IF TO RF TEST TRANSLOCATORS
- 6 Q0689 A REMOVE OR REPLACE LOCAL OSCILLATORS
- 6 Q0691 A REMOVE OR REPLACE MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS

EQUIPMENT ITEM: AN/GSC-24

- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K PERFORM BINARY CONVERSIONS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0169 A PERFORM FREQUENCY RESPONSE TESTS
- 0 Q0986 A ADJUST LOCAL OSCILLATOR COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 K0556 A ALIGN MULTIPLEX EQUIPMENT DISCRETE PARTS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0479 K ISOLATE MALFUNCTIONS IN TIME DIVISION MULTIPLEXERS
- 6 M0502 A PERFORM PHIS ON TIME DIVISION MULTIPLEXERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE

EQUIPMENT ITEM: AN/GSC-39

- A PERFORM TRANSMISSION LINE POWER MEASUREMENTS
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY ALTERNATOR THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION

EQUIPMENT ITEM: AN/GSC-39

- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K INTERPRET SOLID STATE DIODE SPECIFICATIONS
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT AC MOTORS
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT OPERATIONAL AMPLIFIERS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT WAVE GENERATING CIRCUIT OSCILLATORS
- S USE SPECTRUM ANALYZER

- 0 G0159 A PERFORM AMPLITUDE LINEARITY TESTS
- 0 G0166 A PERFORM DATA RATE ADJUSTMENTS WITH DISTANT TERMINALS
- 0 G0168 A PERFORM ENVELOPE DELAY TESTS
- 0 G0171 A PERFORM HARMONIC DISTORTION TESTS
- 0 G0180 A PERFORM ORDER-WIRE NOISE LEVEL TESTS
- 0 G0184 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 I0231 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0233 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 I0239 A REMOVE MECHANICAL SUBASSEMBLIES
- 0 I0244 A REPLACE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0246 A REPLACE ELECTROMECHANICAL SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0254 A REPLACE MECHANICAL SUBASSEMBLIES
- 0 J0260 A ADJUST ANTENNA SELECT CIRCUIT COMPONENTS
- 0 J0262 A ADJUST DEHYDRATOR COMPONENTS
- 0 J0286 A INSPECT WAVEGUIDES
- 0 J0297 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS
- 0 J0324 A REMOVE FEEDHORN ASSEMBLIES
- 0 K0376 K ISOLATE MALFUNCTIONS IN PARAMETRIC (LOW NOISE AMPLIFIERS)
- 0 K0378 K ISOLATE MALFUNCTIONS IN SOLID-STATE DOWN CONVERTERS
- 0 K0381 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE DETECTORS
- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 K0409 K ISOLATE MALFUNCTIONS IN SHF SOLID-STATE RECEIVE IFLA
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0487 A REPLACE SOLID-STATE DOWN CONVERTERS
- 0 L0564 A PERFORM PMI ON LIQUID COOLING SYSTEMS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0575 A REMOVE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 O0803 A PERFORM PMI ON DIGITAL TO BPSK MODEMS
- 0 O0804 A PERFORM PMI ON DIGITAL TO QPSK MODEMS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q1016 K ISOLATE MALFUNCTIONS IN CARRIER LEVEL DETECTORS
- 0 Q1038 K ISOLATE MALFUNCTIONS IN SOLID-STATE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTO FAULT SENSING & SWITCHING NETWORKS
- 0 Q1041 K ISOLATE MALFUNCTIONS IN SOLID-STATE LOCAL OSCILLATORS

EQUIPMENT ITEM: AN/GSC-39

- 0 Q1043 K ISOLATE MALFUNCTIONS IN SOLID-STATE PILOT TONE OSCILLATORS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1074 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1081 A PERFORM PMI ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1092 A PERFORM PMI ON MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 0 Q1093 A PERFORM PMI ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 0 Q1094 A PERFORM PMI ON PRIMARY ALERTING SYSTEMS
- 0 Q1098 A PERFORM PMI ON STATION BATTERIES
- 0 Q1100 A PERFORM PMI ON RF COMBINERS
- 0 Q1101 A PERFORM PMI ON RF DISTRIBUTION AMPLIFIERS
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 K0546 A ALIGN AUDIO RECORDER-REPRODUCER DISCRETE PARTS
- 4 K0594 A REMOVE OR INSTALL FIXED ANTENNA SYSTEM DISCRETE PARTS
- 6 G0156 A PERFORM CARRIER NOISE DENSITY CHECKS (C/KT)
- 6 G0164 A PERFORM SWITCHOVERS OF EQUIPMENT SUBASSEMBLIES TO REDUNDANT EQUIPMENT
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 G0166 A PERFORM UPLINK RF FREQUENCY AND LEVEL CHECKS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0169 A RUN DIAGNOSTIC TESTS
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0208 A PERFORM SYSTEM MODIFICATIONS
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0216 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES SUCH AS MODULES OR PRINTED CIRCUIT BOARDS, USING SOLDERING METHODS
- 6 I0217 A REMOVE OR REPLACE FREQUENCY CONVERTERS
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 I0220 A REMOVE OR REPLACE MECHANICAL SUBASSEMBLIES
- 6 J0224 A ADJUST DEHYDRATOR OR PRESSURIZER COMPONENTS
- 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
- 6 J0237 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 6 J0242 K ISOLATE MALFUNCTIONS IN SATELLITE TRACKING ANTENNA ROTATING EQUIPMENT
- 6 J0252 A PERFORM PHIS ON INTERLOCK SAFETY EQUIPMENT
- 6 J0253 A PERFORM PHIS ON PARABOLIC ANTENNAS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0259 A REMOVE OR REPLACE ANTENNA ROTATING EQUIPMENT COMPONENTS
- 6 J0265 A REMOVE OR REPLACE FEEDHORN ASSEMBLY COMPONENTS
- 6 K0278 A ALIGN DOWN CONVERTER COMPONENTS FOR REQUIRED OUTPUT LEVELS
- 6 K0280 A ALIGN PARAMETRIC OR LOW NOISE AMPLIFIER (LNA) COMPONENTS
- 6 K0284 K ISOLATE MALFUNCTIONS IN CRYOGENIC REFRIGERATION SYSTEMS
- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0286 K ISOLATE MALFUNCTIONS IN NOISE TEST SETS
- 6 K0287 K ISOLATE MALFUNCTIONS IN PARAMETRIC OR LNAs
- 6 K0288 K ISOLATE MALFUNCTIONS IN PILOT TONE DETECTORS
- 6 K0297 A PERFORM PHIS ON DOWN CONVERTERS
- 6 K0303 A REMOVE OR REPLACE CRYOGENIC REFRIGERATION SYSTEMS
- 6 K0304 A REMOVE OR REPLACE DOWN CONVERTERS
- 6 K0306 A REMOVE OR REPLACE PARAMETRIC OR LNAs
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 I0355 K ISOLATE MALFUNCTIONS TO MESSAGE PROCESSOR CONTROLS
- 6 L0397 A PERFORM PHIS ON FINAL POWER AMPLIFIERS
- 6 L0398 A PERFORM PHIS ON INTERMEDIATE POWER AMPLIFIERS
- 6 L0399 A PERFORM PHIS ON LIQUID COOLING SYSTEMS
- 6 L0400 A PERFORM PHIS ON TRANSMIT IFLAS
- 6 L0401 A PERFORM PHIS ON TWT SHF TRANSMITTERS

EQUIPMENT ITEM: AN/GSC-39

- 6 L0403 A PERFORM PHIS ON UP CONVERTERS
- 6 M0441 A ALIGN DIRECT CURRENT (DC) POWER SUPPLY UNITS
- 6 M0477 K ISOLATE MALFUNCTIONS IN SYNC OR PILOT GENERATORS
- 6 M0497 A PERFORM PHIS ON FREQUENCY DIVISION MULTIPLEXERS
- 6 O0540 A PERFORM IN-HOUSE MODEM CHARACTERIZATIONS
- 6 O0541 A PERFORM LINK CHARACTERIZATION TESTS ON MODEMS
- 6 P0558 A ALIGN ANTENNA TRACKING CONTROL DRAWER COMPONENTS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 P0565 A ALIGN TRACKING SYNCHRO CONTROL COMPONENTS
- 6 P0566 A ALIGN TRACKING SYSTEMS
- 6 P0571 K ISOLATE MALFUNCTIONS IN SILICON CONTROL RECTIFIER (SCR) CABINETS
- 6 P0575 K ISOLATE MALFUNCTIONS IN TRACKING SERVO CONTROLS
- 6 P0576 K ISOLATE MALFUNCTIONS IN TRACKING SYNCHRO CONTROLS
- 6 P0580 K ISOLATE MALFUNCTIONS IN FERRITE SCANNERS
- 6 P0581 K ISOLATE MALFUNCTIONS IN MAGIC T NETWORKS
- 6 P0587 K ISOLATE MALFUNCTIONS TO TRACKING SERVO CONTROLS
- 6 P0588 K ISOLATE MALFUNCTIONS TO TRACKING SYNCHRO CONTROLS
- 6 P0590 A PERFORM PHIS ON ANTENNA DRIVE TRANSMISSIONS
- 6 F0597 A REMOVE OR REPLACE ANTENNA DRIVE MOTOR COMPONENTS
- 6 P0602 A REMOVE OR REPLACE TRACKING SYSTEM COMPONENTS
- 6 Q0622 A ALIGN RECEIVE OR TRANSMIT PATH EQUALIZER COMPONENTS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0641 K ISOLATE MALFUNCTIONS IN PILOT TONE OSCILLATORS
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 6 Q0663 A PERFORM PHIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0664 A PERFORM PHIS ON CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0668 A PERFORM PHIS ON FREQUENCY SYNTHESIZERS
- 6 Q0670 A PERFORM PHIS ON LINE AMPLIFIERS
- 6 Q0672 A PERFORM PHIS ON MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/GSC-42

- A ALIGN ANTENNAS
- A APPLY SYNCHRO/SERVO THEORY OF OPERATION
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE RELAYS
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY CATHODE RAY TUBE (CRT) THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY WAVE GENERATING CIRCUITS
- K PERFORM DC CIRCUIT CALCULATIONS
- S USE LOGIC ANALYZER
- S USE SPECTRUM ANALYZER
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0370 A ADJUST ULTRA HIGH FREQUENCY (UHF) RECEIVE RF AMPLIFIER COMPONENTS

EQUIPMENT ITEM: AN/GSC-42

- 0 K0424 A REMOVE AND REPLACE TUBE TYPE NOISE AMPLIFIERS
- 0 L0520 A ADJUST TRANSMITTER AMPLITUDE MODULATION (AM) MODULATOR COMPONENTS
- 0 L0522 A ADJUST TRANSMITTER INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 4 G0308 A INSTALL MULTIPLE CHANNEL UHF RECEIVERS
- 4 G0510 A INSTALL MULTIPLE CHANNEL UHF TRANSMITTERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 H0368 A ALIGN RADIO-TELEGRAPH SYSTEMS
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 J0494 A ALIGN RADIO-TELEGRAPH EQUIPMENT
- 4 J0522 A BENCH CHECK UHF POWER AMPLIFIERS
- 4 J0524 A BENCH CHECK UHF TRANSCEIVERS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 K0277 A ADJUST ULTRA HIGH FREQUENCY (UHF) RECEIVE RADIO FREQUENCY (RF) AMPLIFIER COMPONENTS
- 6 K0292 K ISOLATE MALFUNCTIONS TO EMERGENCY ACTION MESSAGE (EAM) ALARMS
- 6 K0294 K ISOLATE MALFUNCTIONS WITHIN EAM EQUIPMENT
- 6 K0295 A PERFORM OPERATIONAL TESTS ON EAM EQUIPMENT
- 6 K0301 A PERFORM PHIS ON UHF RECEIVE RF AMPLIFIERS
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0337 K ISOLATE MALFUNCTIONS TO AUTOMATIC SEND/RECEIVE (ASR) UNITS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0380 A PERFORM OPERATIONAL TESTS ON ASR UNITS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0404 A REMOVE OR REPLACE ASR UNITS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0424 A REMOVE OR REPLACE MAGNETIC TAPE MEMORIES
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
- 6 O0527 K ISOLATE MALFUNCTIONS TO DUAL MODEM CONTROLS
- 6 O0528 K ISOLATE MALFUNCTIONS TO DUAL MODEMS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 O0541 A PERFORM LINK CHARACTERIZATION TESTS ON MODEMS
- 6 O0548 K PERFORM PHIS ON DUAL MODEM CONTROLS
- 6 O0549 A PERFORM PHIS ON DUAL MODEMS
- 6 O0557 A REMOVE OR REPLACE DUAL MODEMS
- 6 Q0618 A ALIGN HIGH SPEED PRINTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS

EQUIPMENT ITEM: AN/GSC-44

- A REMOVE OR REPLACE ALTERNATORS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE CONVERTERS (D/A OR A/D)
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE FLIP-FLOPS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FM TRANSMITTERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LED
- A REMOVE OR REPLACE LOGIC CIRCUIT COUNTERS
- A REMOVE OR REPLACE LOGIC CIRCUIT REGISTERS
- A REMOVE OR REPLACE MAIN LOGIC GATES
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE TRANSISTOR AMPLIFIER CIRCUITS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE ZENER DIODES
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION

EQUIPMENT ITEM: AN/GSC-44

- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY MAGNETIC AMPLIFIER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY FLIP-FLOPS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY MAIN LOGIC GATES
- K ISOLATE FAULTY MAJOR COMPUTER UNITS
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY REGISTER LOGIC CIRCUITS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY TRANSMITTERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY ZENER DIODES
- K LOAD COMPUTER PROGRAMS
- K TROUBLESHOOT AC CIRCUITS
- K TROUBLESHOOT DC MOTORS
- K TROUBLESHOOT FLIP-FLOPS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LOGIC COUNTERS
- K TROUBLESHOOT LOGIC REGISTERS
- K TROUBLESHOOT MAIN LOGIC GATES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT TRANSISTOR AMPLIFIER CIRCUITS
- K TROUBLESHOOT VOLTAGE REGULATORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER P C BOARDS
- S USE DIGITAL LOGIC PROBE
- S USE FIELD STRENGTH TESTER
- S USE SPECTRUM ANALYZER
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 I0216 K ISOLATE MALFUNCTIONS IN GENERAL USER CALIBRATION TEST EQUIPMENT
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 J0288 K ISOLATE MALFUNCTIONS IN ANTENNA COUPLERS
- 0 J0289 K ISOLATE MALFUNCTIONS IN ANTENNA SELECT CIRCUITS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0294 K ISOLATE MALFUNCTIONS IN DIPLEXERS (DUPLEXERS)
- 0 J0302 K ISOLATE MALFUNCTIONS IN RECEIVE MULTICOUPLERS
- 0 K0375 K ISOLATE MALFUNCTIONS IN DIGITAL RECEIVERS
- 0 K0413 K ISOLATE MALFUNCTIONS IN UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0559 K ISOLATE MALFUNCTIONS IN UHF POWER AMPLIFIERS
- 0 L0562 K ISOLATE MALFUNCTIONS TO SOLID-STATE DIRECTIONAL COUPLERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 00794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS

EQUIPMENT ITEM: AN/GSC-44

- 0 00800 K ISOLATE MALFUNCTIONS IN DC TO RF FSK MODEMS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1073 K ISOLATE MALFUNCTIONS IN RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 4 H0378 K ISOLATE MALFUNCTIONS WITHIN ULTRA HIGH FREQUENCY (UHF) EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 6 G0153 A OBSERVE TEST EQUIPMENT, SUCH AS OSCILLOSCOPES, TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0159 A PERFORM EMERGENCY MESSAGE PROCESSOR UNIT (MPU) BYPASSES (DEGRADATION PROCEDURES)
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 H0184 A PERFORM COMMUNICATIONS SUPERVISORY COMMANDS
- 6 I0201 K ISOLATE MALFUNCTIONS IN FREQUENCY CONVERTERS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0249 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANTENNA ROTATING EQUIPMENT
- 6 K0290 K ISOLATE MALFUNCTIONS IN UHF RECEIVE RF AMPLIFIERS
- 6 K0292 K ISOLATE MALFUNCTIONS TO EMERGENCY ACTION MESSAGE (EAM) ALARMS
- 6 K0294 K ISOLATE MALFUNCTIONS WITHIN EAM EQUIPMENT
- 6 K0295 A PERFORM OPERATIONAL TESTS ON EAM EQUIPMENT
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0326 K ISOLATE MALFUNCTIONS IN DIGITAL INTERFACE UNITS (DIU)
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0337 K ISOLATE MALFUNCTIONS TO AUTOMATIC SEND/RECEIVE (ASR) UNITS
- 6 L0338 K ISOLATE MALFUNCTIONS TO COMMAND POST SYNCHRONIZERS
- 6 L0339 K ISOLATE MALFUNCTIONS TO COMSEC CONTROLS
- 6 L0340 K ISOLATE MALFUNCTIONS TO CPUS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0342 K ISOLATE MALFUNCTIONS TO DIUS
- 6 L0343 K ISOLATE MALFUNCTIONS TO DUAL COMSEC SWITCHING UNITS (DCSU)
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0355 K ISOLATE MALFUNCTIONS TO MESSAGE PROCESSOR CONTROLS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0362 K ISOLATE MALFUNCTIONS TO STATUS DISPLAY UNITS (SDU)
- 6 L0367 K ISOLATE MALFUNCTIONS WITHIN ASRS
- 6 L0368 K ISOLATE MALFUNCTIONS WITHIN COMMAND POST SYNCHRONIZERS
- 6 L0369 K ISOLATE MALFUNCTIONS WITHIN COMSEC CONTROLS
- 6 L0370 K ISOLATE MALFUNCTIONS WITHIN DCSUS
- 6 L0374 K ISOLATE MALFUNCTIONS WITHIN MESSAGE PROCESSOR CONTROLS
- 6 L0376 K ISOLATE MALFUNCTIONS WITHIN RIUS
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0378 K ISOLATE MALFUNCTIONS WITHIN SDUS
- 6 L0380 A PERFORM OPERATIONAL TESTS ON ASR UNITS
- 6 L0381 A PERFORM OPERATIONAL TESTS ON COMMAND POST SYNCHRONIZERS
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0383 A PERFORM OPERATIONAL TESTS ON DCSUS
- 6 L0385 A PERFORM OPERATIONAL TESTS ON FORCE SYNCHRONIZERS
- 6 L0387 A PERFORM OPERATIONAL TESTS ON MAGNETIC TAPE MEMORIES
- 6 L0388 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR CONTROLS
- 6 L0389 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR UNITS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0392 A PERFORM OPERATIONAL TESTS ON RIUS
- 6 L0393 A PERFORM OPERATIONAL TESTS ON SDUS
- 6 L0394 A PERFORM OPERATIONAL TESTS ON SSPS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 M0469 K ISOLATE MALFUNCTIONS IN FREQUENCY SHIFT KEYERS
- 6 M0494 K ISOLATE MALFUNCTIONS TO TIME DIVISION MULTIPLEXERS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS

EQUIPMENT ITEM: AN/GSC-44

- 6 00530 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEM CONTROLS
- 6 00531 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEMS
- 6 00533 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 00534 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEMS
- 6 00535 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEMS
- 6 00536 K ISOLATE MALFUNCTIONS WITHIN NARROW BAND FSK MODEM CONTROLS
- 6 00537 K ISOLATE MALFUNCTIONS WITHIN WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 00538 K ISOLATE MALFUNCTIONS WITHIN WIDE BAND M,ARY FSK MODEMS
- 6 00542 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEM CONTROLS
- 6 00543 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEMS
- 6 00544 A PERFORM OPERATIONAL TESTS ON WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 00545 A PERFORM OPERATIONAL TESTS ON WIDE BAND M,ARY FSK MODEMS
- 6 00577 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0621 A ALIGN LOW SPEED PRINTERS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0644 K ISOLATE MALFUNCTIONS IN RF TO RF TRANSLATORS
- 6 Q0645 K ISOLATE MALFUNCTIONS IN SATELLITE SYSTEMS USING RF TO RF TEST TRANSLATORS
- 6 Q0647 K ISOLATE MALFUNCTIONS IN UHF MIXERS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0655 K ISOLATE MALFUNCTIONS TO HIGH SPEED PRINTERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0659 K ISOLATE MALFUNCTIONS TO RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 6 Q0669 A PERFORM PHIS ON HIGH SPEED PRINTERS
- 6 Q0671 A PERFORM PHIS ON LOW SPEED PRINTERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS

EQUIPMENT ITEM: AN/GSC-49

- A ALIGN ANTENNAS
- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE LIMITER CIRCUIT TRANSISTORS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE OPERATIONAL AMPLIFIERS
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- A REMOVE OR REPLACE WAVEGUIDES
- A WORK ON COMPUTER PERIPHERALS
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COMPUTER PERIPHERAL DEVICE THEORY OF OPERATION
- K APPLY COMPUTER SUBASSEMBLY THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY DISPLAY TUBE THEORY OF OPERATION
- K APPLY ELECTRON TUBE THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K INTERPRET ELECTRON TUBE SPECIFICATIONS
- K LOAD COMPUTER PROGRAMS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER

EQUIPMENT ITEM: AN/GSC-49

- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0193 A SET UP DECODING EQUIPMENT
- 0 I0224 A PERFORM SYSTEM MODIFICATIONS
- 0 I0241 A REMOVE PRIME POWER GENERATORS
- 0 I0253 A REPLACE MECHANICAL COMPONENTS
- 0 I0256 A REPLACE PRIME POWER GENERATORS
- 0 J0286 A INSPECT WAVEGUIDES
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS
- 0 J0312 A PERFORM PMI ON QUICK REACTION ANTENNAS
- 0 J0319 A REMOVE DEHYDRATORS
- 0 J0324 A REMOVE FEEDHORN ASSEMBLIES
- 0 J0342 A REPLACE DEHYDRATORS
- 0 J0347 A REPLACE FEEDHORN ASSEMBLIES
- 0 K0442 A REMOVE PARAMETRIC (LOW NOISE) AMPLIFIERS
- 0 K0444 A REMOVE SOLID-STATE DOWN CONVERTERS
- 0 K0454 A REMOVE SOLID-STATE AGC CIRCUITS
- 0 K0485 A REPLACE PARAMETRIC (LOW NOISE) AMPLIFIERS
- 0 K0497 A REPLACE SOLID-STATE AGC CIRCUITS
- 0 L0512 A ADJUST HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0540 K ISOLATE MALFUNCTIONS IN SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0545 K ISOLATE MALFUNCTIONS IN TUBE TYPE HIGH VOLTAGE POWER SUPPLIES
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 L0564 A PERFORM PMI ON LIQUID COOLING SYSTEMS
- 0 L0578 A REMOVE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0603 A REPLACE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 L0609 A REPLACE SOLID-STATE POWER MONITORS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0709 A REPLACE SOLID-STATE FREQUENCY GENERATORS
- 0 Q0960 A ADJUST ATOMIC FREQUENCY STANDARD COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0991 A ADJUST RADIO FREQUENCY (RF) DISTRIBUTION AMPLIFIER COMPONENTS
- 0 Q1098 A PERFORM PMI ON STATION BATTERIES
- 0 Q1133 A REMOVE FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1147 A REMOVE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1225 A REPLACE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1313 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS
- 0 R1326 A REMOVE POWER GENERATING EQUIPMENT
- 0 S1346 A INSTALL COMMUNICATION/ELECTRONIC EQUIPMENT USING DRAWINGS AND SKETCHES
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1353 A INSTALL TRACKING ANTENNA GROUPS
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS
- 0 S1364 A PERFORM POST-INSTALLATION OPERATION TESTS
- 0 S1377 A PREPARE SITE FOR EQUIPMENT INSTALLATION
- 0 S1385 A RUN AND PREPARE COMMUNICATION/ELECTRONIC CABLES FOR INSTALLATION
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 H0381 A OPERATIONALLY CHECK DF EQUIPMENT
- 4 H0385 A OPERATIONALLY CHECK MICROWAVE EQUIPMENT
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 I0454 A OPERATIONALLY CHECK EMERGENCY POWER SUPPLIES
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0569 A BENCH CHECK BATTERY CHARGERS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS

EQUIPMENT ITEM: AN/GSC-49

- 4 K0578 A BENCH CHECK PHONE PATCH SYSTEM COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0581 A BENCH CHECK REMOTE CONTROL UNITS
- 4 K0582 A BENCH CHECK ROTATING ANTENNA EQUIPMENT
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0630 A OPERATIONALLY CHECK MOBILE ANTENNA SYSTEMS
- 4 M0631 A OPERATIONALLY CHECK MOBILIZERS OR TRANSPORTERS
- 4 M0632 A PERFORM OPERATOR MAINTENANCE ON MOBILE EQUIPMENT
- 6 G0161 A PERFORM GENERATOR OPERATION, EXCLUDING EMERGENCY POWER CHANGEOVERS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 G0166 A PERFORM UPLINK RF FREQUENCY AND LEVEL CHECKS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 H0175 A CONFIGURE TERMINAL EQUIPMENT FOR CORRECT SATELLITE MODE
- 6 H0183 A PERFORM ACQUISITION FUNCTIONS
- 6 H0187 A REVIEW MISSION DATA FOR PREMISSION SETUPS
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 J0241 K ISOLATE MALFUNCTIONS IN SAFETY INTERLOCK EQUIPMENT
- 6 J0249 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANTENNA ROTATING EQUIPMENT
- 6 J0252 A PERFORM PMIS ON INTERLOCK SAFETY EQUIPMENT
- 6 J0253 A PERFORM PMIS ON PARABOLIC ANTENNAS
- 6 J0256 A REMOVE OR REPLACE ANTENNA MECHANICAL COMPONENTS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0262 A REMOVE OR REPLACE DEHYDRATORS OR PRESSURIZERS
- 6 J0266 A REMOVE OR REPLACE HELIX ANTENNA COMPONENTS
- 6 J0268 A REMOVE OR REPLACE PARABOLIC ANTENNA COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 K0283 A ALIGN SUPER HIGH FREQUENCY (SHF) RECEIVER AMPLIFIER OR INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 K0297 A PERFORM PMIS ON DOWN CONVERTERS
- 6 K0298 A PERFORM PMIS ON PARAMETRIC OR LNAS
- 6 K0304 A REMOVE OR REPLACE DOWN CONVERTERS
- 6 K0306 A REMOVE OR REPLACE PARAMETRIC OR LNAS
- 6 K0308 A REMOVE OR REPLACE POWER DIVIDER ASSEMBLIES
- 6 K0310 A REMOVE OR REPLACE WAVEGUIDE SWITCHING NETWORKS
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0318 A ALIGN RADIO FREQUENCY (RF) POWER, INTERMEDIATE POWER, OR TRANSMIT INTERFACILITY LINK AMPLIFIER (IFLA) COMPONENTS
- 6 L0319 A ALIGN SUPER HIGH FREQUENCY (SHF) TRANSMITTERS
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0332 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 6 L0334 K ISOLATE MALFUNCTIONS IN TRANSMIT POWER MONITORS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0361 K ISOLATE MALFUNCTIONS TO SHF POWER AMPLIFIER MONITORING SYSTEMS
- 6 L0365 K ISOLATE MALFUNCTIONS TO TRANSMIT POWER MONITORS
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0391 A PERFORM OPERATIONAL TESTS ON RF CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0403 A PERFORM PMIS ON UP CONVERTERS
- 6 L0409 A REMOVE OR REPLACE DIRECTIONAL COUPLER COMPONENTS
- 6 L0411 A REMOVE OR REPLACE DIUS
- 6 L0413 A REMOVE OR REPLACE EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 6 L0416 A REMOVE OR REPLACE FORWARD POWER MONITORS
- 6 L0418 A REMOVE OR REPLACE KLYSTRON AMPLIFIERS
- 6 L0419 A REMOVE OR REPLACE KLYSTRON SHF TRANSMITTERS
- 6 L0427 A REMOVE OR REPLACE RF CONTROLS
- 6 L0434 A REMOVE OR REPLACE TRANSMIT POWER MONITORS
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 N0513 A PERFORM NETWORK CONTROL (NCT) OPERATION
- 6 N0514 A PERFORM NETWORK OPERATION (NT)
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 P0589 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANTENNA DRIVE MOTORS
- 6 P0593 A PERFORM PMIS ON TRACKING DOWN CONVERTERS
- 6 P0595 A PERFORM PMIS ON TRACKING SERVO CONTROLS

EQUIPMENT ITEM: AN/GSC-49

- 6 P0597 A REMOVE OR REPLACE ANTENNA DRIVE MOTOR COMPONENTS
- 6 P0598 A REMOVE OR REPLACE ANTENNA TRACKING CONTROL DRAWERS
- 6 P0601 A REMOVE OR REPLACE TRACKING CABLES
- 6 P0602 A REMOVE OR REPLACE TRACKING SYSTEM COMPONENTS
- 6 Q0605 A ADJUST CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0607 A ALIGN AMPLITUDE OR LINE EQUALIZER COMPONENTS
- 6 Q0613 A ALIGN DISTRIBUTION AMPLIFIER COMPONENTS
- 6 Q0617 A ALIGN GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 6 Q0619 A ALIGN LINE AMPLIFIER COMPONENTS
- 6 Q0636 K ISOLATE MALFUNCTIONS IN LINE AMPLIFIERS
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 6 Q0664 A PERFORM PMIS ON CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0666 A PERFORM PMIS ON DISTRIBUTION AMPLIFIERS
- 6 Q0671 A PERFORM PMIS ON LOW SPEED PRINTERS
- 6 Q0677 A REMOVE OR REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 Q0682 A REMOVE OR REPLACE EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS
- 6 Q0686 A REMOVE OR REPLACE IF TO RF TEST TRANSLATORS
- 6 Q0690 A REMOVE OR REPLACE MAIN DISTRIBUTION FRAMES AND ASSOCIATED WIRING
- 6 Q0691 A REMOVE OR REPLACE MANUAL TRANSFER UNITS OR SWITCHING PANELS
- 6 Q0692 A REMOVE OR REPLACE PATCH PANELS
- 6 Q0696 A REMOVE OR REPLACE RF DISTRIBUTION AMPLIFIERS
- 6 R0702 A CHECK LAND LINE CONNECTIONS
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0709 A INSTALL OR REMOVE LINE CONDITIONING EQUIPMENT
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS
- 6 R0716 A PREPARE MOBILITY SITE FOR INSTALLATION
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 6 S0738 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS

EQUIPMENT ITEM: KY-801/GSC

- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0665 A PERFORM PMIS ON CRYPTO EQUIPMENT
- 6 Q0679 A REMOVE OR REPLACE BITE

EQUIPMENT ITEM: MD-1002

- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CHOPPER (SYNCHROUS VIBRATOR) THEORY OF OPERATION
- K APPLY CLAMPER CIRCUIT THEORY OF OPERATION
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER PERIPHERAL DEVICE THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FLIP-FLOP DIGITAL LOGIC THEORY OF OPERATION

EQUIPMENT ITEM: KY-801/GSC

- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- 0 I0234 A REMOVE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 0 I0237 A REMOVE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0252 A REPLACE ELECTRONIC SUBASSEMBLIES USING SOLDERING METHODS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0665 A PERFORM PMIS ON CRYPTO EQUIPMENT
- 6 Q0679 A REMOVE OR REPLACE BITE

EQUIPMENT ITEM: MD-1002

- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT ZENER DIODE THEORY OF OPERATION
- K APPLY MAGNETIC AMPLIFIER THEORY OF OPERATION
- K APPLY MAIN LOGIC GATE THEORY OF OPERATION
- K APPLY MICROPHONE THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PHASE SHIFT KEY MODULATION THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY RAMP A-D CONVERTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY REGISTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER COUPLING CIRCUIT THEORY OF OPERATION
- K APPLY TRANSISTOR AMPLIFIER STABILIZATION CIRCUIT THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY WEIGHTED RESISTOR D-A CONVERTER THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY BIPOLAR JUNCTION TRANSISTORS
- K ISOLATE FAULTY CHOPPERS (SYNCHRONOUS VIBRATORS)
- K ISOLATE FAULTY CLAMPER CIRCUITS
- K ISOLATE FAULTY CONVERTERS (D/A OR A/D)
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY JFET
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER COUPLING CIRCUITS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER STABILIZATION CIRCUITS
- K ISOLATE FAULTY TRANSMISSION LINES
- K ISOLATE FAULTY UJT
- K ISOLATE FAULTY ZENER DIODES
- K PERFORM SCIENTIFIC NOTATION CONVERSIONS

EQUIPMENT ITEM: MD-1002

- K PERFORM TRANSMISSION LINE CALCULATIONS
- K PERFORM TRANSMISSION LINE MEASUREMENTS
- K TROUBLESHOOT WAVE GENERATING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER

- 0 K0388 K ISOLATE MALFUNCTIONS IN SOLID-STATE AGC CIRCUITS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0726 A ADJUST FREQUENCY SHIFT CONVERTER COMPONENTS
- 0 O0783 A ADJUST DIGITAL-TO-QUADRAPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 0 O0804 A PERFORM PMI ON DIGITAL TO QPSK MODEMS
- 0 Q1045 K ISOLATE MALFUNCTIONS IN SOLID-STATE AFC
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 L0333 K ISOLATE MALFUNCTIONS IN TRANSMIT GAIN, AUTOMATIC LOAD, OR AUTOMATIC LEVELING CONTROLS
- 6 O0522 A ALIGN QUADRAPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 6 O0532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 O0540 A PERFORM IN-HOUSE MODEM CHARACTERIZATIONS
- 6 O0541 A PERFORM LINK CHARACTERIZATION TESTS ON MODEMS
- 6 O0552 A PERFORM PMIS ON QPSK MODEMS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING

EQUIPMENT ITEM: AN/MSC-64

- A REMOVE OR REPLACE CAPACITORS
- A REMOVE OR REPLACE INDUCTORS
- A REMOVE OR REPLACE LIMITER CIRCUIT DIODES
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE POWER SUPPLY FILTERS
- A REMOVE OR REPLACE POWER SUPPLY RECTIFIERS
- A REMOVE OR REPLACE SOLENOIDS
- A REMOVE OR REPLACE SOLID STATE DIODES
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE VOLTAGE REGULATORS
- K APPLY INDUCTOR THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT DIODE THEORY OF OPERATION
- K APPLY SOLENOID THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K ISOLATE FAULTY INDUCTORS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT DIODES
- K ISOLATE FAULTY SOLENOIDS
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K TROUBLESHOOT CAPACITORS
- K TROUBLESHOOT INDUCTORS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- K TROUBLESHOOT POWER SUPPLY FILTERS
- K TROUBLESHOOT POWER SUPPLY RECTIFIERS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT SOLENOIDS
- K TROUBLESHOOT SOLID STATE DIODES
- K TROUBLESHOOT TRANSFORMERS
- K TROUBLESHOOT VOLTAGE REGULATORS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS

EQUIPMENT ITEM: AN/MSC-64

- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0441 A REMOVE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 N0760 A REMOVE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 Q1039 K ISOLATE MALFUNCTIONS IN SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1225 A REPLACE CRYPTOGRAPHIC EQUIPMENT
- 0 Q1226 A REPLACE DIGITAL PRINTERS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 R1288 A INSTALL POWER GENERATING EQUIPMENT
- 0 R1325 A REMOVE MOBILE COMMUNICATION EQUIPMENT
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 4 M0624 A INSTALL VEHICLE MOUNTED ANTENNA SYSTEMS
- 4 M0626 A INSTALL VEHICLE MOUNTED REMOTE CONTROL UNITS
- 6 G0168 A READ METERS OR PERFORM BITE TESTS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 N0518 A REMOVE OR REPLACE PLASMA DISPLAYS IN CSU RACKS
- 6 Q0685 A REMOVE OR REPLACE GENERAL PURPOSE POWER SUPPLIES
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS

EQUIPMENT ITEM: MYSTIC STAR

- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0321 A REMOVE DIPLEXERS (DUPLEXERS)
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0461 A REMOVE UHF SOLID-STATE RECEIVE RF AMPLIFIERS
- 0 L0566 A PERFORM PMI ON FM UHF TRANSMITTERS
- 0 O0809 A REMOVE DIGITAL MODEMS
- 0 O0811 A REPLACE DIGITAL MODEMS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1125 A REMOVE BATTERY CHARGING SYSTEMS
- 0 Q1126 A REMOVE BINARY-TO-ANALOG CONVERTERS
- 0 Q1129 A REMOVE DIGITAL PRINTERS
- 0 Q1133 A REMOVE FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1134 A REMOVE LINE AMPLIFIERS
- 0 Q1138 A REMOVE PATCH PANELS
- 0 Q1140 A REMOVE SELECTIVE SIGNALING SUBSYSTEMS, OTHER THAN ORDERWIRE
- 0 Q1161 A REMOVE TRANSCEIVERS
- 0 Q1226 A REPLACE DIGITAL PRINTERS
- 0 Q1230 A REPLACE LINE AMPLIFIERS
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1257 A REPLACE TRANSCEIVERS
- 0 S1347 A INSTALL CROSS CONNECTIONS
- 0 S1348 A INSTALL FIXED COMMUNICATION EQUIPMENT
- 0 S1379 A REMOVE FIXED COMMUNICATION EQUIPMENT
- 4 G0283 A INSTALL CONVERTERS OR KEYERS
- 4 G0286 A INSTALL FIXED REMOTE CONTROL UNITS
- 4 G0291 A INSTALL LOW POWER DATA LINK SYSTEMS
- 4 G0309 A INSTALL MULTIPLE CHANNEL UHF TRANSCEIVERS
- 4 G0310 A INSTALL MULTIPLE CHANNEL UHF TRANSMITTERS
- 4 G0318 A INSTALL OPERATOR CONSOLES INCLUDING LAUNCH CONTROL CONSOLES
- 4 G0320 A INSTALL PHONE PATCH SYSTEMS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0330 A INSTALL SINGLE CHANNEL HF POWER AMPLIFIERS

EQUIPMENT ITEM: MYSTIC STAR

- 4 H0386 A OPERATIONALLY CHECK MULTIPLE CHANNEL EQUIPMENT
- 4 H0392 A OPERATIONALLY CHECK UHF EQUIPMENT
- 4 H0405 A REMOVE OR INSTALL UHF SYSTEM LRU
- 4 I0453 A OPERATIONALLY CHECK DATA LINK SYSTEMS
- 4 I0467 A REMOVE OR INSTALL AUTOMATIC KEYING EQUIPMENT LRU
- 4 I0469 A REMOVE OR INSTALL AUTOMATIC SWITCHBOARD COMPONENTS
- 4 J0537 A REMOVE OR INSTALL POWER SUPPLY EQUIPMENT PARTS
- 4 K0589 A REMOVE OR INSTALL BATTERY CHARGER DISCRETE PARTS
- 4 K0593 A REMOVE OR INSTALL EQUIPMENT POWER SUPPLY UNIT DISCRETE PARTS
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0674 A REMOVE OR REPLACE AMPLITUDE OR LINE EQUALIZERS
- 6 Q0675 A REMOVE OR REPLACE ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0676 A REMOVE OR REPLACE AUDIO AMPLIFIERS
- 6 Q0687 A REMOVE OR REPLACE INTERCONNECT CABLES AND CHASSIS WIRING

EQUIPMENT ITEM: OM-70/U

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE COMPUTER SUBASSEMBLIES
- A REMOVE OR REPLACE SPEAKERS
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY SPEAKER THEORY OF OPERATION
- K APPLY TRANSMISSION LINE THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K ISOLATE FAULTY AC CIRCUITS
- K ISOLATE FAULTY CABLES
- K ISOLATE FAULTY DC CIRCUITS
- K ISOLATE FAULTY LOGIC CIRCUITS
- K ISOLATE FAULTY MAJOR COMPUTER UNITS
- K ISOLATE FAULTY SPEAKERS
- K ISOLATE FAULTY TRANSMISSION LINES
- K TROUBLESHOOT ALTERNATORS
- K TROUBLESHOOT COMPUTER SUBASSEMBLIES
- K TROUBLESHOOT DIGITAL LOGIC CIRCUITS
- K TROUBLESHOOT POWER SUPPLY CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER
- 0 G0181 A PERFORM PREOPERATIONAL CHECKS OF EQUIPMENT
- 0 G0187 A PERFORM TRANSMISSION LEVEL TESTS
- 0 I0229 A REMOVE ELECTROMECHANICAL COMPONENTS USING METHODS OTHER THAN SOLDERING
- 0 I0232 A REMOVE ELECTROMECHANICAL SUBASSEMBLIES USING SOLDERING METHODS
- 0 I0236 A REMOVE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 I0238 A REMOVE MECHANICAL COMPONENTS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 L0568 A REMOVE AIR COOLING SYSTEMS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q1003 A ALIGN SPEAKER SYSTEMS
- 0 Q1022 K ISOLATE MALFUNCTIONS IN FREQUENCY STANDARDS, OTHER THAN ATOMIC STANDARDS
- 0 Q1097 A PERFORM PMI ON SPEAKER SYSTEMS
- 0 Q1108 A REMOVE AND REPLACE TUBE TYPE EQUIPMENT ALARM CIRCUIT, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK
- 0 S1348 A INSTALL FIXED COMMUNICATION EQUIPMENT
- 0 S1360 A PERFORM INSTALLATION FUNCTIONS USING NONPOWER HANDTOOLS
- 0 S1361 A PERFORM INSTALLATION FUNCTIONS USING POWER TOOLS

EQUIPMENT ITEM: OM-70/U

- 0 S1379 A REMOVE FIXED COMMUNICATION EQUIPMENT
- 0 S1389 A VISUALLY INSPECT INSTALLATION AND INTERCONNECTIONS OF INSTALLED EQUIPMENT
- 4 G0292 A INSTALL MICROPHONES OR MICROPHONE JACKS
- 4 G0293 A INSTALL MULTICOUPLERS
- 4 G0321 A INSTALL POWER SUPPLY SYSTEMS
- 4 G0360 A TEST AND INSPECT FIXED COMMUNICATIONS SITES
- 4 I0450 A OPERATIONALLY CHECK BATTERY CHARGERS
- 4 I0456 A OPERATIONALLY CHECK FIXED ANTENNA SYSTEMS
- 4 I0458 A OPERATIONALLY CHECK FREQUENCY SHIFT EXCITERS
- 4 I0466 A PERFORM OPERATIONAL CHECKS OF AUDIO RECORDERS AND REPRODUCERS
- 4 I0468 A REMOVE OR INSTALL AUTOMATIC RECORDING EQUIPMENT LRU
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 J0532 A PERFORM HIGH RELIABILITY SOLDERING OF INTEGRATED CIRCUITS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0566 A BENCH CHECK ANTENNA TUNING UNITS
- 4 K0588 A REMOVE OR INSTALL AUTOMATIC RECORDING EQUIPMENT DISCRETE PARTS
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 6 G0162 A PERFORM PREOPERATIONAL OR OPERATIONAL CHECKS OF EQUIPMENT
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0211 A REMOVE OR REPLACE ELECTROMECHANICAL COMPONENTS, SUCH AS MOTORS, SHAFTS, OR GEARS
- 6 I0212 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING SOLDERING METHODS
- 6 I0213 A REMOVE OR REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 6 I0218 A REMOVE OR REPLACE LINE REPLACEABLE UNITS (LRU)
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0248 A PERFORM MANUAL TRACKING FUNCTIONS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0326 K ISOLATE MALFUNCTIONS IN DIGITAL INTERFACE UNITS (DIU)
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0329 K ISOLATE MALFUNCTIONS IN HIGH VOLTAGE POWER SUPPLIES
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0389 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR UNITS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0424 A REMOVE OR REPLACE MAGNETIC TAPE MEMORIES
- 6 M0447 A ALIGN FREQUENCY GENERATOR COMPONENTS
- 6 Q0621 A ALIGN LOW SPEED PRINTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0643 K ISOLATE MALFUNCTIONS IN RF DISTRIBUTION AMPLIFIERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0663 A PERFORM PMIS ON AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0669 A PERFORM PMIS ON HIGH SPEED PRINTERS
- 6 Q0678 A REMOVE OR REPLACE BASEBAND AMPLIFIERS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: OM73(V)G

- K APPLY COMPUTER SUBASSEMBLY THEORY OF OPERATION
- K TROUBLESHOOT COMPUTER SUBASSEMBLIES
- K TROUBLESHOOT POWER SUPPLY CIRCUITS

- 0 K0441 A REMOVE DIGITAL RECEIVER MODULAR CIRCUIT CARDS
- 0 L0573 A REMOVE DIGITAL TRANSMITTER MODULAR CIRCUIT CARDS
- 0 00795 K ISOLATE MALFUNCTIONS IN DIGITAL TO BPSK MODEMS
- 0 00796 K ISOLATE MALFUNCTIONS IN DIGITAL TO QPSK MODEMS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 L0351 K ISOLATE MALFUNCTIONS TO LINE MODEM UNITS (LMU)
- 6 00526 K ISOLATE MALFUNCTIONS TO BPSK MODEMS
- 6 00532 K ISOLATE MALFUNCTIONS TO QPSK MODEMS
- 6 00546 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON BPSK MODEMS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE

EQUIPMENT ITEM: AN/TSC-88

- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE LED
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY OPERATIONAL AMPLIFIER THEORY OF OPERATION
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY LED
- K ISOLATE FAULTY OPERATIONAL AMPLIFIERS
- K ISOLATE FAULTY RELAYS
- K PERFORM TRANSMISSION POWER MEASUREMENTS
- S USE RF MILLI-VOLTMETER
- S USE WATTMETER

- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 G0189 A PERFORM TURN-ON PROCEDURES
- 0 I0230 A REMOVE ELECTROMECHANICAL COMPONENTS USING SOLDERING METHODS
- 0 J0316 A REMOVE ANTENNA COUPLERS
- 0 L0574 A REMOVE DUMMY LOADS
- 0 Q1128 A REMOVE CRYPTOGRAPHIC EQUIPMENT
- 0 R1287 A INSTALL MOBILE COMMUNICATION EQUIPMENT
- 0 S1364 A PERFORM PCST-INSTALLATION OPERATION TESTS
- 0 S1374 A PREPARE POST-INSTALLATION DOCUMENTATION
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 G0283 A INSTALL CONVERTERS OR KEYS
- 4 I0487 A VISUALLY INSPECT MOBILE ANTENNA SYSTEMS
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 6 G0166 A PERFORM UPLINK RF FREQUENCY AND LEVEL CHECKS
- 6 I0199 A INSTALL OR REMOVE MOUNTING HARDWARE
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 J0246 K ISOLATE MALFUNCTIONS TO RADIO FREQUENCY (RF) RELAYS
- 6 J0258 A REMOVE OR REPLACE ANTENNA ROTATING EQUIPMENT
- 6 J0269 A REMOVE OR REPLACE RADOME BLOWER MOTORS
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS
- 6 K0292 K ISOLATE MALFUNCTIONS TO EMERGENCY ACTION MESSAGE (EAM) ALARMS
- 6 K0308 A REMOVE OR REPLACE POWER DIVIDER ASSEMBLIES
- 6 L0337 K ISOLATE MALFUNCTIONS TO AUTOMATIC SEND/RECEIVE (ASR) UNITS
- 6 L0338 K ISOLATE MALFUNCTIONS TO COMMAND POST SYNCHRONIZERS
- 6 L0339 K ISOLATE MALFUNCTIONS TO COMSEC CONTROLS
- 6 L0340 K ISOLATE MALFUNCTIONS TO CPUS
- 6 L0341 K ISOLATE MALFUNCTIONS TO DIRECTIONAL COUPLERS
- 6 L0342 K ISOLATE MALFUNCTIONS TO DIUS
- 6 L0343 K ISOLATE MALFUNCTIONS TO DUAL COMSEC SWITCHING UNITS (DCSU)
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0347 K ISOLATE MALFUNCTIONS TO FORCE SYNCHRONIZERS
- 6 L0349 K ISOLATE MALFUNCTIONS TO INTERMEDIATE POWER AMPLIFIERS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS

EQUIPMENT ITEM: AN/TSC-88

- 6 L0351 K ISOLATE MALFUNCTIONS TO LINE MODEM UNITS (LMU)
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0355 K ISOLATE MALFUNCTIONS TO MESSAGE PROCESSOR CONTROLS
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0359 K ISOLATE MALFUNCTIONS TO RF CONTROLS
- 6 L0362 K ISOLATE MALFUNCTIONS TO STATUS DISPLAY UNITS (SDU)
- 6 L0363 K ISOLATE MALFUNCTIONS TO SUPERVISORY STATUS PANELS (SSP)
- 6 L0380 A PERFORM OPERATIONAL TESTS ON ASR UNITS
- 6 L0381 A PERFORM OPERATIONAL TESTS ON COMMAND POST SYNCHRONIZERS
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0389 A PERFORM OPERATIONAL TESTS ON MESSAGE PROCESSOR UNITS
- 6 L0390 A PERFORM OPERATIONAL TESTS ON RECEIVER TRANSMITTER CONTROLS
- 6 L0404 A REMOVE OR REPLACE ASR UNITS
- 6 L0405 A REMOVE OR REPLACE COMMAND POST SYNCHRONIZERS
- 6 L0406 A REMOVE OR REPLACE COMSEC CONTROLS
- 6 L0410 A REMOVE OR REPLACE DIRECTIONAL COUPLERS
- 6 L0411 A REMOVE OR REPLACE DIUS
- 6 L0412 A REMOVE OR REPLACE DUMMY LOADS
- 6 L0417 A REMOVE OR REPLACE INTERMEDIATE POWER AMPLIFIERS
- 6 L0424 A REMOVE OR REPLACE MAGNETIC TAPE MEMORIES
- 6 L0425 A REMOVE OR REPLACE MESSAGE PROCESSOR CONTROLS
- 6 N0506 K ISOLATE MALFUNCTIONS TO CONTROL SYNCHRONIZATION UNITS (CSU)
- 6 N0507 K ISOLATE MALFUNCTIONS TO CSU SUBSYSTEMS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 00526 K ISOLATE MALFUNCTIONS TO BPSK MODEMS
- 6 00531 K ISOLATE MALFUNCTIONS TO NARROW BAND FSK MODEMS
- 6 00533 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 00534 K ISOLATE MALFUNCTIONS TO WIDE BAND M,ARY FSK MODEMS
- 6 00542 A PERFORM OPERATIONAL TESTS ON NARROW BAND FSK MODEM CONTROLS
- 6 00544 A PERFORM OPERATIONAL TESTS ON WIDE BAND M,ARY FSK MODEM CONTROLS
- 6 00545 A PERFORM OPERATIONAL TESTS ON WIDE BAND M,ARY FSK MODEMS
- 6 00555 A REMOVE OR REPLACE DUAL MODEM COMPONENTS, SUCH AS POWER SUPPLIES
- 6 00556 A REMOVE OR REPLACE DUAL MODEM CONTROLS
- 6 00557 A REMOVE OR REPLACE DUAL MODEMS
- 6 Q0627 A ALIGN LOW SPEED PRINTERS
- 6 Q0646 K ISOLATE MALFUNCTIONS TO ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0655 K ISOLATE MALFUNCTIONS TO HIGH SPEED PRINTERS
- 6 Q0656 K ISOLATE MALFUNCTIONS TO INTERCONNECT CABLES AND CHASSIS WIRING
- 6 Q0659 K ISOLATE MALFUNCTIONS TO RF COMBINERS, SUCH AS HYBRID T NETWORKS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0709 A INSTALL OR REMOVE LINE CONDITIONING EQUIPMENT
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS
- 6 R0716 A PREPARE MOBILITY SITE FOR INSTALLATION
- 6 R0720 A VISUALLY INSPECT INSTALLATIONS AND INTERCONNECTIONS OF INSTALLED EQUIPMENT

EQUIPMENT ITEM: AN/USC-28

- A REMOVE OR REPLACE COMBINATIONAL LOGIC CIRCUITS
- A REMOVE OR REPLACE COMPUTER PERIPHERAL DEVICES
- A REMOVE OR REPLACE COMPUTER SUBASSEMBLIES
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE LCD
- A REMOVE OR REPLACE POWER SUPPLIES
- A REMOVE OR REPLACE WAVESHAPING CIRCUITS
- K APPLY COMBINATIONAL LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY COMPUTER PERIPHERAL DEVICE THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY MAJOR COMPUTER UNIT PROGRAMMABLE CONTROLLER THEORY OF OPERATION

EQUIPMENT ITEM: AN/USC-28

- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K ISOLATE FAULTY COMBINATIONAL LOGIC CIRCUITS
- K ISOLATE FAULTY COMPUTER MEMORIES
- K ISOLATE FAULTY COMPUTER PERIPHERAL DEVICES
- K ISOLATE FAULTY COMPUTER SUBASSEMBLIES
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LCD
- K ISOLATE FAULTY WAVESHAPING CIRCUITS
- K LOAD COMPUTER PROGRAMS
- K REMOVE OR REPLACE COMPUTER MEMORIES
- K TROUBLESHOOT COMPUTER PERIPHERAL DEVICES
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT MAJOR COMPUTER UNITS
- K TROUBLESHOOT WAVESHAPING CIRCUITS
- S ASSEMBLE SOLDERLESS COAXIAL CONNECTORS
- S ASSEMBLE SOLDERLESS CRIMP CONNECTORS
- S ASSEMBLE SOLDERLESS MULTIPIN CONNECTORS
- S SOLDER OR DESOLDER COAXIAL CONNECTORS
- S SOLDER OR DESOLDER MULTIPIN CONNECTORS
- S USE SPECTRUM ANALYZER

- 0 G0158 A PERFORM ALTERNATE CIRCUIT ROUTING AT PATCH AND TEST FACILITIES
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0166 A PERFORM DATA RATE ADJUSTMENTS WITH DISTANT TERMINALS
- 0 I0221 A PERFORM CIRCUIT MODIFICATIONS
- 0 I0248 A REPLACE ELECTRONIC COMPONENTS, OTHER THAN MICROMINIATURE COMPONENTS, USING METHODS OTHER THAN SOLDERING
- 0 I0251 A REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 0 K0383 K ISOLATE MALFUNCTIONS IN SOLID-STATE RECEIVE IF AMPLIFIERS
- 0 L0602 A REPLACE AIR COOLING SYSTEMS
- 0 M0636 K ISOLATE MALFUNCTIONS IN SOLID-STATE FREQUENCY GENERATORS
- 0 M0645 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0674 A REMOVE SOLID-STATE FREQUENCY GENERATORS
- 0 M0680 A REMOVE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0736 K ISOLATE MALFUNCTIONS IN CRYPTOGRAPHIC DEVICES
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q1009 K ISOLATE MALFUNCTIONS IN ATOMIC STANDARDS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1044 K ISOLATE MALFUNCTIONS IN SOLID-STATE SYNTHESIZERS
- 0 Q1046 K ISOLATE MALFUNCTIONS IN SOLID-STATE BITE
- 0 Q1152 A REMOVE SOLID-STATE SYNTHESIZERS
- 0 Q1154 A REMOVE SOLID-STATE BITE
- 0 Q1245 A REPLACE SOLID-STATE MULTIPLIERS
- 0 Q1247 A REPLACE SOLID-STATE SYNTHESIZERS
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 4 L0613 A REMOVE OR INSTALL BUILT-IN OR SPECIAL TEST EQUIPMENT COMPONENTS
- 6 G0149 A ESTABLISH ORDERWIRE CONTACT WITH DISTANT TERMINALS
- 6 G0157 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT PATCH OR TEST FACILITIES
- 6 G0158 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT EARTH TERMINAL PATCH PANELS
- 6 H0188 A SCHEDULE SATELLITE USERS
- 6 H0189 A VERIFY OPERATIONAL READINESS WITH DISTANT TERMINALS
- 6 I0205 A PERFORM DAILY OR WEEKLY METER READINGS
- 6 I0215 A REMOVE OR REPLACE ELECTRONIC SUBASSEMBLIES USING METHODS OTHER THAN SOLDERING
- 6 K0289 K ISOLATE MALFUNCTIONS IN POWER DIVIDER ASSEMBLIES
- 6 L0313 A ADJUST UP CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 L0314 A ADJUST UP CONVERTERS TO SPECIFIC OUTPUT LEVELS
- 6 L0325 K ISOLATE MALFUNCTIONS IN CENTRAL PROCESSING UNITS (CPU)
- 6 L0354 K ISOLATE MALFUNCTIONS TO MAGNETIC TAPE MEMORIES
- 6 L0357 K ISOLATE MALFUNCTIONS TO RECEIVER TRANSMITTER CONTROLS
- 6 L0358 K ISOLATE MALFUNCTIONS TO REMOTE INTERFACE UNITS (RIU)
- 6 L0360 K ISOLATE MALFUNCTIONS TO RT CIRCUIT CARDS
- 6 L0373 K ISOLATE MALFUNCTIONS WITHIN MAGNETIC TAPE MEMORIES
- 6 L0377 K ISOLATE MALFUNCTIONS WITHIN RT CONTROLS
- 6 L0424 A REMOVE OR REPLACE MAGNETIC TAPE MEMORIES
- 6 L0429 A REMOVE OR REPLACE RT CIRCUIT CARDS

EQUIPMENT ITEM: AN/USC-28

- 6 L0430 A REMOVE OR REPLACE RT CONTROLS
- 6 M0482 K ISOLATE MALFUNCTIONS TO CARRIER GENERATORS
- 6 N0506 K ISOLATE MALFUNCTIONS TO CONTROL SYNCHRONIZATION UNITS (CSU)
- 6 N0507 K ISOLATE MALFUNCTIONS TO CSU SUBSYSTEMS
- 6 N0508 K ISOLATE MALFUNCTIONS TO RECEIVER-TRANSMITTER (RT) SUBSYSTEMS
- 6 N0509 K ISOLATE MALFUNCTIONS TO RT UNITS
- 6 N0510 K ISOLATE MALFUNCTIONS TO SPREAD SPECTRUM SYSTEM POWER SUPPLY UNITS
- 6 N0511 K ISOLATE MALFUNCTIONS WITHIN CSU SUBSYSTEMS
- 6 N0512 K ISOLATE MALFUNCTIONS WITHIN RT SUBSYSTEMS
- 6 N0513 A PERFORM NETWORK CONTROL (NCT) OPERATION
- 6 N0514 A PERFORM NETWORK OPERATION (NT)
- 6 N0515 A PERFORM OPERATOR MAINTENANCE ON SPREAD SPECTRUM SYSTEMS
- 6 N0517 A REMOVE OR REPLACE CIRCUIT CARDS IN SPREAD SPECTRUM SYSTEMS
- 6 N0519 A REMOVE OR REPLACE POWER SUPPLIES IN SPREAD SPECTRUM SYSTEMS
- 6 P0570 K ISOLATE MALFUNCTIONS IN PHASE SHIFTERS
- 6 P0582 K ISOLATE MALFUNCTIONS TO PHASE SHIFTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0633 K ISOLATE MALFUNCTIONS IN FREQUENCY SYNTHESIZERS
- 6 Q0650 K ISOLATE MALFUNCTIONS TO CESIUM BEAM FREQUENCY STANDARDS
- 6 Q0679 A REMOVE OR REPLACE BITE
- 6 Q0684 A REMOVE OR REPLACE FREQUENCY SYNTHESIZERS

EQUIPMENT ITEM: AN/TSC-94A

- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE APPROXIMATION A-D CONVERTERS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE PULSE MODULATION RECEIVERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE WAVEGUIDES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- A TUNE OR ADJUST RESONANT CAVITIES
- A WORK ON CMOS
- A WORK ON TTL
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY ALTERNATOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY CMOS THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC GENERATOR THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY LIMITER CIRCUIT TRANSISTOR THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION

EQUIPMENT ITEM: AN/TSC-94A

- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY PULSE MODULATION TRANSMITTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TTL DIGITAL LOGIC THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY ALTERNATORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY CMOS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY LIMITER CIRCUIT TRANSISTORS
- K ISOLATE FAULTY LOGIC COUNTERS
- K ISOLATE FAULTY METER MOVEMENTS
- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY MOSFET
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY PULSE MODULATION RECEIVERS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SOLID STATE DIODES
- K ISOLATE FAULTY SYNCHRO/SERVOS
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY TTL
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K PERFORM BINARY MATH OPERATION
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT APPROXIMATION A-D CONVERTERS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT LIMITER CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT WAVEGUIDES
- S USE DC RESTORER
- S USE METRIC NOTATION
- S USE SPECTRUM ANALYZER

EQUIPMENT ITEM: AN/TSC-94A

- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0166 A PERFORM DATA RATE ADJUSTMENTS WITH DISTANT TERMINALS
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 J0260 A ADJUST ANTENNA SELECT CIRCUIT COMPONENTS
- 0 J0263 A ADJUST DIPLEXER (DUPLEXER) COMPONENTS
- 0 J0266 A ADJUST FEEDHORN ASSEMBLY COMPONENTS
- 0 J0270 A ADJUST PARABOLIC ANTENNA COMPONENTS
- 0 J0272 A ADJUST RECEIVE MULTICOUPLER COMPONENTS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0297 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 0 J0299 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS
- 0 J0312 A PERFORM PMI ON QUICK REACTION ANTENNAS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0359 A ADJUST PARAMETRIC (LOW NOISE AMPLIFIER) COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0368 A ADJUST SUPER HIGH FREQUENCY (SHF) RECEIVER RF AMPLIFIER
- 0 K0376 K ISOLATE MALFUNCTIONS IN PARAMETRIC (LOW NOISE AMPLIFIERS)
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 L0506 A ADJUST AIR COOLING SYSTEM COMPONENTS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0508 A ADJUST DUMMY LOAD COMPONENTS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 M0618 A ADJUST ECHO SUPPRESSOR COMPONENTS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS
- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0630 A ALIGN TIME DIVISION MULTIPLEXERS
- 0 M0633 K ISOLATE MALFUNCTIONS IN ECHO SUPPRESSORS
- 0 M0657 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON CVSD MODULATION MULTIPLEXERS
- 0 M0660 A PERFORM PMI ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0661 A PERFORM PMI ON TIME DIVISION MULTIPLEXERS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 N0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 N0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 N0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 O0786 A ADJUST DIGITAL MODEMS
- 0 O0787 A ADJUST DIGITAL TO BIPHASE SHIFT KEYING (BPSK) MODEM COMPONENTS
- 0 O0788 A ADJUST DIGITAL-TO-QUADRAPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 O0803 A PERFORM PMI ON DIGITAL TO BPSK MODEMS
- 0 O0804 A PERFORM PMI ON DIGITAL TO QPSK MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0968 A ADJUST BINARY-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS

EQUIPMENT ITEM: AN/TSC-94A

- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0992 A ADJUST RECEIVE PATH EQUALIZER COMPONENTS
- 0 Q0996 A ADJUST SUPER HIGH FREQUENCY (SHF) MIXER COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1015 K ISOLATE MALFUNCTIONS IN BINARY-TO-ANALOG CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1233 A REPLACE MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1313 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS
- 0 R1321 A REMOVE CABLING BETWEEN SITE VANS
- 0 R1326 A REMOVE POWER GENERATING EQUIPMENT
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1353 A INSTALL TRACKING ANTENNA GROUPS
- 0 S1368 A PERFORM SCHEME REVIEWS
- 0 S1377 A PREPARE SITE FOR EQUIPMENT INSTALLATION
- 0 T1397 A ADJUST RECEIVE EQUALIZERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0566 A BENCH CHECK ANTENNA TUNING UNITS
- 4 K0573 A BENCH CHECK FREQUENCY SHIFT CONVERTERS AND KEYERS
- 4 K0575 A BENCH CHECK MULTIPLEX SYSTEM COMPONENTS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT
- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 6 G0155 A PERFORM BASE BAND SWEEPS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0156 A PERFORM CARRIER NOISE DENSITY CHECKS (C/KT)
- 6 G0158 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT EARTH TERMINAL PATCH PANELS
- 6 G0163 A PERFORM RECEIVE LINK GAIN CHECKS
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 H0186 A PERFORM TRACKING FUNCTIONS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0237 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 6 J0239 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 6 J0248 A PERFORM MANUAL TRACKING FUNCTIONS
- 6 J0253 A PERFORM PMIS ON PARABOLIC ANTENNAS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0268 A REMOVE OR REPLACE PARABOLIC ANTENNA COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 J0255 A REMOVE OR REPLACE ANTENNA LIGHTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS

EQUIPMENT ITEM: AN/TSC-94A

- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0287 K ISOLATE MALFUNCTIONS IN PARAMETRIC OR LNAs
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS
- 6 K0297 A PERFORM PHIS ON DOWN CONVERTERS
- 6 K0298 A PERFORM PHIS ON PARAMETRIC OR LNAs
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0332 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 6 L0335 K ISOLATE MALFUNCTIONS IN UP CONVERTERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AIR COOLING SYSTEMS
- 6 L0403 A PERFORM PHIS ON UP CONVERTERS
- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0465 K ISOLATE MALFUNCTIONS IN ECHO SUPPRESSORS
- 6 M0498 A PERFORM PHIS ON PCM MULTIPLEXERS
- 6 M0501 A PERFORM PHIS ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0502 A PERFORM PHIS ON TIME DIVISION MULTIPLEXERS
- 6 M0515 A PERFORM OPERATOR MAINTENANCE ON SPREAD SPECTRUM SYSTEMS
- 6 O0521 A ALIGN BIPHASE SHIFT KEYING (BPSK) MODEM COMPONENTS
- 6 O0523 K ISOLATE MALFUNCTIONS IN BPSK MODEMS
- 6 O0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 O0546 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON BPSK MODEMS
- 6 O0552 A PERFORM PHIS ON QPSK MODEMS
- 6 P0558 A ALIGN ANTENNA TRACKING CONTROL DRAWER COMPONENTS
- 6 P0562 A ALIGN TRACKING DOWN CONVERTER COMPONENTS
- 6 P0563 A ALIGN TRACKING RECEIVER COMPONENTS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 P0565 A ALIGN TRACKING SYNCHRO CONTROL COMPONENTS
- 6 P0567 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0573 K ISOLATE MALFUNCTIONS IN TRACKING DOWN CONVERTERS
- 6 P0577 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0589 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON ANTENNA DRIVE MOTORS
- 6 P0590 A PERFORM PHIS ON ANTENNA DRIVE TRANSMISSIONS
- 6 P0591 A PERFORM PHIS ON PHASE SHIFTERS
- 6 P0592 A PERFORM PHIS ON TRACKING DEMODULATORS
- 6 P0593 A PERFORM PHIS ON TRACKING DOWN CONVERTERS
- 6 P0595 A PERFORM PHIS ON TRACKING SERVO CONTROLS
- 6 P0596 A PERFORM PHIS ON TRACKING SYNCHRO CONTROLS
- 6 P0601 A REMOVE OR REPLACE TRACKING CABLES
- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0606 A ADJUST SUPER HIGH FREQUENCY (SHF) MIXER COMPONENTS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0611 A ALIGN BUFFER OR ISOLATION AMPLIFIER COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0646 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0645 K ISOLATE MALFUNCTIONS IN SATELLITE SYSTEMS USING RF TO RF TEST TRANSLATORS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VAI ,
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS

EQUIPMENT ITEM: AN/TSC-100

- A APPLY FREQUENCY FILTER THEORY OF OPERATION
- A REMOVE OR REPLACE AC MOTORS
- A REMOVE OR REPLACE AM RECEIVERS
- A REMOVE OR REPLACE ANTENNAS
- A REMOVE OR REPLACE APPROXIMATION A-D CONVERTERS
- A REMOVE OR REPLACE DC MOTORS
- A REMOVE OR REPLACE ELECTRON TUBE AMPLIFIERS
- A REMOVE OR REPLACE FM RECEIVERS
- A REMOVE OR REPLACE FREQUENCY SENSITIVE FILTERS
- A REMOVE OR REPLACE METER MOVEMENTS
- A REMOVE OR REPLACE MICROPROCESSOR CONTROLLED SYSTEMS
- A REMOVE OR REPLACE PULSE MODULATION RECEIVERS
- A REMOVE OR REPLACE RCL CIRCUITS
- A REMOVE OR REPLACE RESONANT CAVITIES
- A REMOVE OR REPLACE SINGLE SIDEBAND RECEIVERS
- A REMOVE OR REPLACE TRANSFORMERS
- A REMOVE OR REPLACE WAVEGUIDES
- A TUNE OR ADJUST MICROWAVE OSCILLATORS OR AMPLIFIERS
- A TUNE OR ADJUST RESONANT CAVITIES
- K APPLY AC GENERATOR THEORY OF OPERATION
- K APPLY AC MOTOR THEORY OF OPERATION
- K APPLY AM RECEIVER THEORY OF OPERATION
- K APPLY AM TRANSMITTER THEORY OF OPERATION
- K APPLY ANTENNA THEORY OF OPERATION
- K APPLY APPROXIMATION A-D CONVERTER THEORY OF OPERATION
- K APPLY COMPUTER THEORY OF OPERATION
- K APPLY COUNTER LOGIC CIRCUIT THEORY OF OPERATION
- K APPLY DC GENERATOR THEORY OF OPERATION
- K APPLY DC MOTOR THEORY OF OPERATION
- K APPLY ELECTRON TUBE AMPLIFIER THEORY OF OPERATION
- K APPLY FM RECEIVER THEORY OF OPERATION
- K APPLY FM TRANSMITTER THEORY OF OPERATION
- K APPLY FREQUENCY SENSITIVE FILTER THEORY OF OPERATION
- K APPLY INTEGRATED CIRCUIT THEORY OF OPERATION
- K APPLY JFET THEORY OF OPERATION
- K APPLY LCD THEORY OF OPERATION
- K APPLY LED THEORY OF OPERATION
- K APPLY MICROPROCESSOR CONTROLLED SYSTEM THEORY OF OPERATION
- K APPLY MICROWAVE OSCILLATOR OR AMPLIFIER THEORY OF OPERATION
- K APPLY MOSFET THEORY OF OPERATION
- K APPLY MULTIVIBRATOR CIRCUIT THEORY OF OPERATION
- K APPLY OSCILLATOR CIRCUIT THEORY OF OPERATION
- K APPLY PULSE MODULATION RECEIVER THEORY OF OPERATION
- K APPLY PULSE MODULATION TRANSMITTER THEORY OF OPERATION
- K APPLY RCL CIRCUIT THEORY OF BASIC OPERATION
- K APPLY RCL CIRCUIT THEORY OF RESONANT OPERATION
- K APPLY RESONANT CAVITY THEORY OF OPERATION
- K APPLY SCR THEORY OF OPERATION
- K APPLY SINGLE SIDEBAND THEORY OF OPERATION
- K APPLY SYNCHRO/SERVO THEORY OF OPERATION
- K APPLY THEORY OF OPERATION OF COMPUTER MEMORIES
- K APPLY THREE-PHASE TRANSFORMER THEORY OF OPERATION
- K APPLY TUNNEL DIODE THEORY OF OPERATION
- K APPLY UJT THEORY OF OPERATION
- K APPLY VOLTAGE REGULATOR THEORY OF OPERATION
- K APPLY WAVEGUIDE THEORY OF OPERATION
- K APPLY WAVESHAPING CIRCUIT THEORY OF OPERATION
- K APPLY ZENER DIODE THEORY OF OPERATION
- K INTERPRET RESISTOR COLOR CODES
- K ISOLATE FAULTY AC MOTORS
- K ISOLATE FAULTY AM RECEIVERS
- K ISOLATE FAULTY ANTENNAS
- K ISOLATE FAULTY DC MOTORS
- K ISOLATE FAULTY ELECTRON TUBE AMPLIFIERS
- K ISOLATE FAULTY FM RECEIVERS
- K ISOLATE FAULTY FM TRANSMITTERS
- K ISOLATE FAULTY FREQUENCY SENSITIVE FILTERS
- K ISOLATE FAULTY INTEGRATED CIRCUITS
- K ISOLATE FAULTY METER MOVEMENTS

EQUIPMENT ITEM: AN/TSC-100

- K ISOLATE FAULTY MICROPROCESSORS
- K ISOLATE FAULTY MICROWAVE OSCILLATORS OR AMPLIFIERS
- K ISOLATE FAULTY OSCILLATOR CIRCUITS
- K ISOLATE FAULTY PULSE MODULATION RECEIVERS
- K ISOLATE FAULTY RECEIVERS
- K ISOLATE FAULTY RELAYS
- K ISOLATE FAULTY RESONANT CAVITIES
- K ISOLATE FAULTY SYNCHRO/SERVOs
- K ISOLATE FAULTY THREE-PHASE TRANSFORMERS
- K ISOLATE FAULTY TRANSFORMERS
- K ISOLATE FAULTY TRANSISTOR AMPLIFIER CIRCUITS
- K ISOLATE FAULTY VOLTAGE REGULATORS
- K ISOLATE FAULTY WAVEGUIDES
- K PERFORM BINARY MATH OPERATION
- K TROUBLESHOOT ANTENNAS
- K TROUBLESHOOT APPROXIMATION A-D CONVERTERS
- K TROUBLESHOOT ELECTRON TUBE AMPLIFIER CIRCUITS
- K TROUBLESHOOT FREQUENCY SENSITIVE FILTER CIRCUITS
- K TROUBLESHOOT INTEGRATED CIRCUITS
- K TROUBLESHOOT METER MOVEMENTS
- K TROUBLESHOOT RCL CIRCUITS
- K TROUBLESHOOT RESISTORS
- K TROUBLESHOOT RESONANT CAVITIES
- K TROUBLESHOOT WAVEGUIDES
- S USE DC RESTORER
- S USE METRIC NOTATION
- S USE SPECTRUM ANALYZER
- 0 G0162 A PERFORM BIT ERROR RATE TESTS
- 0 G0165 K PERFORM CIRCUIT FAULT ISOLATION PROCEDURES
- 0 G0166 A PERFORM DATA RATE ADJUSTMENTS WITH DISTANT TERMINALS
- 0 G0182 A PERFORM RECEIVE SIGNAL LEVEL (RSL) CHECKS
- 0 G0186 A PERFORM TEST TONE LEVEL TESTS
- 0 G0188 A PERFORM TURN-OFF PROCEDURES
- 0 J0260 A ADJUST ANTENNA SELECT CIRCUIT COMPONENTS
- 0 J0263 A ADJUST DIPLEXER (DUPLEXER) COMPONENTS
- 0 J0266 A ADJUST FEEDHORN ASSEMBLY COMPONENTS
- 0 J0270 A ADJUST PARABOLIC ANTENNA COMPONENTS
- 0 J0272 A ADJUST RECEIVE MULTICOUPLER COMPONENTS
- 0 J0290 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 J0297 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 0 J0299 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 0 J0311 A PERFORM PMI ON PARABOLIC ANTENNAS
- 0 J0312 A PERFORM PMI ON QUICK REACTION ANTENNAS
- 0 J0317 A REMOVE ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 0 K0351 A ADJUST AUTOMATIC GAIN CONTROL (AGC) COMPONENTS
- 0 K0352 A ADJUST BALANCED MIXER COMPONENTS
- 0 K0354 A ADJUST DOWN CONVERTER COMPONENTS
- 0 K0359 A ADJUST PARAMETRIC (LOW NOISE AMPLIFIER) COMPONENTS
- 0 K0363 A ADJUST RECEIVE INTERMEDIATE FREQUENCY (IF) AMPLIFIER COMPONENTS
- 0 K0368 A ADJUST SUPER HIGH FREQUENCY (SHF) RECEIVER RF AMPLIFIER
- 0 K0376 K ISOLATE MALFUNCTIONS IN PARAMETRIC (LOW NOISE AMPLIFIERS)
- 0 K0420 A PERFORM PMI ON FM RECEIVERS
- 0 K0488 A REPLACE SOLID-STATE LIMITERS
- 0 L0507 A ADJUST DIRECTIONAL COUPLER COMPONENTS
- 0 L0508 A ADJUST DUMMY LOAD COMPONENTS
- 0 L0509 A ADJUST EQUIPMENT SAFETY DEVICE COMPONENTS, SUCH AS INTERLOCKS
- 0 L0516 A ADJUST POWER MONITORS
- 0 L0518 A ADJUST SUPER HIGH FREQUENCY (SHF) POWER AMPLIFIER COMPONENTS
- 0 L0534 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 0 L0536 K ISOLATE MALFUNCTIONS IN DUMMY LOADS
- 0 L0537 K ISOLATE MALFUNCTIONS IN EQUIPMENT SAFETY DEVICES, SUCH AS INTERLOCKS
- 0 L0558 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 0 L0563 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PHI) ON AIR COOLING SYSTEMS
- 0 L0565 A PERFORM PMI ON FM SHF TRANSMITTERS
- 0 L0608 A REPLACE SOLID-STATE HIGH VOLTAGE POWER SUPPLIES
- 0 M0618 A ADJUST ECHO SUPPRESSOR COMPONENTS
- 0 M0619 A ADJUST FREQUENCY GENERATOR COMPONENTS

EQUIPMENT ITEM: AN/TSC-100

- 0 M0626 A ADJUST SYNC (CLOCK) GENERATOR COMPONENTS
- 0 M0630 A ALIGN TIME DIVISION MULTIPLEXERS
- 0 M0633 K ISOLATE MALFUNCTIONS IN ECHO SUPPRESSORS
- 0 M0657 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON CVSD MODULATION MULTIPLEXERS
- 0 M0660 A PERFORM PMI ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 0 M0661 A PERFORM PMI ON TIME DIVISION MULTIPLEXERS
- 0 M0715 A REPLACE SOLID-STATE SYNC (CLOCK) GENERATORS
- 0 M0725 A ADJUST DIRECT CURRENT (DC) POWER SUPPLY COMPONENTS
- 0 M0727 A ADJUST FREQUENCY SHIFT KEYS COMPONENTS
- 0 M0785 A REPLACE DC POWER SUPPLY LINE ISOLATION ASSEMBLIES
- 0 O0786 A ADJUST DIGITAL MODEMS
- 0 O0787 A ADJUST DIGITAL TO BIPHASE SHIFT KEYING (BPSK) MODEM COMPONENTS
- 0 O0788 A ADJUST DIGITAL-TO-QUADPHASE SHIFT KEYING (QPSK) MODEM COMPONENTS
- 0 O0794 K ISOLATE MALFUNCTIONS IN DIGITAL MODEMS
- 0 O0803 A PERFORM PMI ON DIGITAL TO BPSK MODEMS
- 0 O0804 A PERFORM PMI ON DIGITAL TO QPSK MODEMS
- 0 Q0959 A ADJUST ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 0 Q0961 A ADJUST ATTENUATORS
- 0 Q0963 A ADJUST AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0964 A ADJUST AUTOMATIC FREQUENCY CONTROL (AFC) COMPONENTS
- 0 Q0968 A ADJUST BINARY-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0969 A ADJUST BUFFER (ISOLATION) AMPLIFIER COMPONENTS
- 0 Q0970 A ADJUST BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 0 Q0971 A ADJUST CARRIER LEVEL DETECTOR COMPONENTS
- 0 Q0974 A ADJUST DIGITAL-TO-ANALOG CONVERTER COMPONENTS
- 0 Q0975 A ADJUST EQUIPMENT ALARM CIRCUIT COMPONENTS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORK COMPONENTS
- 0 Q0980 A ADJUST FREQUENCY STANDARD COMPONENTS, OTHER THAN ATOMIC STANDARD COMPONENTS
- 0 Q0981 A ADJUST GENERAL PURPOSE POWER SUPPLY COMPONENTS
- 0 Q0992 A ADJUST RECEIVE PATH EQUALIZER COMPONENTS
- 0 Q0996 A ADJUST SUPER HIGH FREQUENCY (SHF) MIXER COMPONENTS
- 0 Q0998 A ADJUST SYNTHESIZER COMPONENTS
- 0 Q1008 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1010 K ISOLATE MALFUNCTIONS IN ATTENUATORS
- 0 Q1015 K ISOLATE MALFUNCTIONS IN BINARY-TO-ANALOG CONVERTERS
- 0 Q1018 K ISOLATE MALFUNCTIONS IN DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1029 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 0 Q1078 A PERFORM PMI ON AMPLIFIERS
- 0 Q1079 A PERFORM PMI ON ANALOG-TO-DIGITAL CONVERTERS
- 0 Q1080 A PERFORM PMI ON ATTENUATOR PADS
- 0 Q1082 A PERFORM PMI ON BINARY-TO-ANALOG OR DIGITAL-TO-ANALOG CONVERTERS
- 0 Q1219 A REPLACE AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 0 Q1233 A REPLACE MANUAL SOLID-STATE TRANSFER UNITS (SWITCHING PANELS)
- 0 Q1242 A REPLACE SOLID-STATE GENERAL PURPOSE POWER SUPPLIES
- 0 Q1249 A REPLACE SOLID-STATE BITE
- 0 R1312 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS
- 0 R1313 A PERFORM OPERATOR MAINTENANCE ON POWER GENERATORS
- 0 R1321 A REMOVE CABLING BETWEEN SITE VANS
- 0 R1326 A REMOVE POWER GENERATING EQUIPMENT
- 0 S1352 A INSTALL STATION GROUNDING SYSTEMS
- 0 S1353 A INSTALL TRACKING ANTENNA GROUPS
- 0 S1368 A PERFORM SCHEME REVIEWS
- 0 S1377 A PREPARE SITE FOR EQUIPMENT INSTALLATION
- 0 T1397 A ADJUST RECEIVE EQUALIZERS
- 0 T1407 A MEASURE POWER SUPPLIES
- 0 T1408 A MEASURE REGULATOR VOLTAGES
- 4 A0005 A CONDUCT REQUIREMENTS SURVEYS FOR INSTALLATION OF MOBILE COMMUNICATIONS SYSTEMS
- 4 H0387 A OPERATIONALLY CHECK MULTIPLEX EQUIPMENT
- 4 I0452 A OPERATIONALLY CHECK COMMUNICATIONS PATCH PANELS
- 4 I0462 A OPERATIONALLY CHECK PHONE PATCH SYSTEMS
- 4 J0518 A BENCH CHECK POWER SUPPLY EQUIPMENT
- 4 K0544 A ALIGN ANTENNA COUPLER COMPONENTS
- 4 K0565 A BENCH CHECK ANTENNA COUPLERS
- 4 K0566 A BENCH CHECK ANTENNA TUNING UNITS
- 4 K0573 A BENCH CHECK FREQUENCY SHIFT CONVERTERS AND KEYS
- 4 K0575 A BENCH CHECK MULTIPLEX SYSTEM COMPONENTS
- 4 K0576 A BENCH CHECK OPERATOR CONSOLE COMPONENTS
- 4 K0579 A BENCH CHECK POWER SUPPLY UNITS
- 4 K0583 A BENCH CHECK SIGNAL CONDITIONING EQUIPMENT

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- 4 M0621 A INSTALL MOBILE ANTENNA SYSTEMS
- 4 M0622 A INSTALL STATION GROUNDS ON VANS OR SHELTERS
- 6 G0155 A PERFORM BASE BAND SWEEPS TO DETERMINE EQUIPMENT OPERATION OR SIGNAL QUALITY
- 6 G0156 A PERFORM CARRIER NOISE DENSITY CHECKS (C/KT)
- 6 G0158 A PERFORM CIRCUIT FAULT ISOLATION PROCEDURES AT EARTH TERMINAL PATCH PANELS
- 6 G0163 A PERFORM RECEIVE LINK GAIN CHECKS
- 6 G0165 A PERFORM TURN-ON OR TURN-OFF PROCEDURES OF EARTH TERMINALS
- 6 H0186 A PERFORM TRACKING FUNCTIONS
- 6 I0206 A PERFORM EMERGENCY OR ISOLATED EQUIPMENT SHUT-OFF PROCEDURES
- 6 I0219 A REMOVE OR REPLACE MECHANICAL COMPONENTS
- 6 J0225 A ALIGN ANTENNA POSITIONING CIRCUIT COMPONENTS
- 6 J0228 K ISOLATE MALFUNCTIONS IN ANTENNA CONTROLS
- 6 J0229 K ISOLATE MALFUNCTIONS IN ANTENNA POSITIONING CIRCUITS
- 6 J0230 K ISOLATE MALFUNCTIONS IN ANTENNA TRANSMISSION LINES OR RELATED COMPONENTS, SUCH AS FILTERS
- 6 J0234 K ISOLATE MALFUNCTIONS IN DIPLEXERS, DUPLEXERS, OR COMBINERS
- 6 J0237 K ISOLATE MALFUNCTIONS IN FEEDHORN ASSEMBLIES
- 6 J0239 K ISOLATE MALFUNCTIONS IN PARABOLIC ANTENNAS
- 6 J0248 A PERFORM MANUAL TRACKING FUNCTIONS
- 6 J0253 A PERFORM PMIS ON PARABOLIC ANTENNAS
- 6 J0257 A REMOVE OR REPLACE ANTENNA MECHANICAL SUBASSEMBLIES
- 6 J0260 A REMOVE OR REPLACE ANTENNA TRANSMISSION LINES OR COMPONENTS, SUCH AS FILTERS
- 6 J0268 A REMOVE OR REPLACE PARABOLIC ANTENNA COMPONENTS
- 6 J0275 A REMOVE OR REPLACE WAVEGUIDE COMPONENTS
- 6 J0255 A REMOVE OR REPLACE ANTENNA LIGHTS
- 6 K0276 A ADJUST DOWN CONVERTERS TO SPECIFIC CARRIER FREQUENCIES
- 6 K0282 A ALIGN RECEIVER GAIN MONITOR UNITS FOR REQUIRED OUTPUT LEVELS
- 6 K0285 K ISOLATE MALFUNCTIONS IN DOWN CONVERTERS
- 6 K0287 K ISOLATE MALFUNCTIONS IN PARAMETRIC OR LNAs
- 6 K0291 K ISOLATE MALFUNCTIONS IN WAVEGUIDE SWITCHING NETWORKS
- 6 K0297 A PERFORM PMIS ON DOWN CONVERTERS
- 6 K0298 A PERFORM PMIS ON PARAMETRIC OR LNAs
- 6 L0317 A ALIGN HIGH VOLTAGE POWER SUPPLY COMPONENTS
- 6 L0324 K ISOLATE MALFUNCTIONS IN AIR COOLING SYSTEMS
- 6 L0327 K ISOLATE MALFUNCTIONS IN FAULT INDICATOR PANELS (FIP)
- 6 L0332 K ISOLATE MALFUNCTIONS IN SHF POWER AMPLIFIERS
- 6 L0335 K ISOLATE MALFUNCTIONS IN UP CONVERTERS
- 6 L0344 K ISOLATE MALFUNCTIONS TO DUMMY LOADS
- 6 L0350 K ISOLATE MALFUNCTIONS TO KLYSTRON SHF TRANSMITTERS
- 6 L0382 A PERFORM OPERATIONAL TESTS ON COMSEC CONTROLS
- 6 L0395 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON AIR COOLING SYSTEMS
- 6 L0403 A PERFORM PMIS ON UP CONVERTERS
- 6 M0457 A ALIGN TIME DIVISION MULTIPLEXERS
- 6 M0465 K ISOLATE MALFUNCTIONS IN ECHO SUPPRESSORS
- 6 M0498 A PERFORM PMIS ON PCM MULTIPLEXERS
- 6 M0501 A PERFORM PMIS ON TIME DIVISION MULTIPLEXER ASSOCIATED INTERFACE EQUIPMENT
- 6 M0502 A PERFORM PMIS ON TIME DIVISION MULTIPLEXERS
- 6 M0515 A PERFORM OPERATOR MAINTENANCE ON SPREAD SPECTRUM SYSTEMS
- 6 M0521 A ALIGN BIPHASE SHIFT KEYING (BPSK) MODEM COMPONENTS
- 6 M0523 K ISOLATE MALFUNCTIONS IN BPSK MODEMS
- 6 M0539 A PERFORM BIT ERROR RATE TESTS ON MODEMS
- 6 M0546 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON BPSK MODEMS
- 6 M0552 A PERFORM PMIS ON QPSK MODEMS
- 6 P0558 A ALIGN ANTENNA TRACKING CONTROL DRAWER COMPONENTS
- 6 P0562 A ALIGN TRACKING DOWN CONVERTER COMPONENTS
- 6 P0563 A ALIGN TRACKING RECEIVER COMPONENTS
- 6 P0564 A ALIGN TRACKING SERVO CONTROL COMPONENTS
- 6 P0565 A ALIGN TRACKING SYNCHRO CONTROL COMPONENTS
- 6 P0567 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0573 K ISOLATE MALFUNCTIONS IN TRACKING DOWN CONVERTERS
- 6 P0577 K ISOLATE MALFUNCTIONS IN ANTENNA DRIVE MOTORS
- 6 P0589 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANTENNA DRIVE MOTORS
- 6 P0590 A PERFORM PMIS ON ANTENNA DRIVE TRANSMISSIONS
- 6 P0591 A PERFORM PMIS ON PHASE SHIFTERS
- 6 P0592 A PERFORM PMIS ON TRACKING DEMODULATORS
- 6 P0593 A PERFORM PMIS ON TRACKING DOWN CONVERTERS
- 6 P0595 A PERFORM PMIS ON TRACKING SERVO CONTROLS
- 6 P0596 A PERFORM PMIS ON TRACKING SYNCHRO CONTROLS
- 6 P0601 A REMOVE OR REPLACE TRACKING CABLES

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- 6 Q0604 A ADJUST BASEBAND AMPLIFIER COMPONENTS
- 6 Q0606 A ADJUST SUPER HIGH FREQUENCY (SHF) MIXER COMPONENTS
- 6 Q0608 A ALIGN ANALOG-TO-DIGITAL CONVERTER COMPONENTS
- 6 Q0611 A ALIGN BUFFER OR ISOLATION AMPLIFIER COMPONENTS
- 6 Q0612 A ALIGN BUILT-IN TEST EQUIPMENT (BITE) COMPONENTS
- 6 Q0620 A ALIGN LOCAL OSCILLATORS
- 6 Q0625 K ISOLATE MALFUNCTIONS IN ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0629 K ISOLATE MALFUNCTIONS IN BITE
- 6 Q0631 K ISOLATE MALFUNCTIONS IN EQUIPMENT ALARM CIRCUITS, OTHER THAN AUTOMATIC FAULT SENSING AND SWITCHING NETWORKS
- 6 Q0634 K ISOLATE MALFUNCTIONS IN GENERAL PURPOSE POWER SUPPLIES
- 6 Q0640 K ISOLATE MALFUNCTIONS IN PATCH PANELS
- 6 Q0642 K ISOLATE MALFUNCTIONS IN POWER DISTRIBUTION PANELS
- 6 Q0645 K ISOLATE MALFUNCTIONS IN SATELLITE SYSTEMS USING RF TO RF TEST TRANSLATORS
- 6 Q0652 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT
- 6 Q0653 K ISOLATE MALFUNCTIONS TO CRYPTO EQUIPMENT SUBASSEMBLIES
- 6 Q0662 A PERFORM PREVENTIVE MAINTENANCE INSPECTIONS (PMI) ON ANALOG-TO-DIGITAL CONVERTERS
- 6 Q0681 A REMOVE OR REPLACE CRYPTO EQUIPMENT
- 6 R0708 A INSTALL OR REMOVE CABLING BETWEEN SITE VANS
- 6 R0710 A INSTALL OR REMOVE MOBILE COMMUNICATION EQUIPMENT
- 6 R0711 A INSTALL OR REMOVE POWER GENERATING EQUIPMENT
- 6 R0712 A INSTALL OR REMOVE RADIATION HAZARD FENCES
- 6 R0713 A INSTALL OR REMOVE TRACKING ANTENNA GROUPS
- 6 S0737 A PERFORM OPERATOR MAINTENANCE ON POWER CONVERTERS