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**Maintenance Concept Remains Consistent With Prior Fiscal Year**

# Statement Of Work
# For
# Rebuild of the Radio Set,
# AN/MRC-142
# NSN 5895-01-333-3040

**SOW-06-PMM122-09543A-1/1**

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Appendix A Pre-Induction Checklist A-1

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STATEMENT OF WORK FOR THE
Rebuild of the Radio Set, AN/MRC-142
NSN 5895-01-333-3040

1.0. Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) in the rebuild effort of the Radio Set, AN/MRC-142 (hereafter known as the Radio Set). This document contains requirements to restore the Radio Set to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining."

1.1 Background. Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

2.0 Applicable Documents. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

| | |
|---|---|
| MIL-STD-129 | DoD Standard Practice for Military Marking |
| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |

2.2 Other Government Documents and Publications.

| | | |
|---|---|---|
| TM 09543A-12 | Maintenance Manual | PCN 184 095430 00 |
| TM 09543A-35/1, Vol. I | Radio Terminal Set, AN/MRC-142 | PCN 184 095433 00 |
| TM 09543A-35/1, Vol. I, w/CH001 | Radio Terminal Set, AN/MRC-142 CH01 | PCN 184 095433 01 |
| TI-5820-25/22A | Comm Equip on Marine Corps Platforms | PCN 168 047801 00 |

| | | |
|---|---|---|
| TM 09543A-35/2, Vol. II w/CH001 | Radio Terminal Set, AN/MRC-142 CH01 | PCN 184 095434 00<br>PCN 184 095434 01 |
| SL-3-09543A w/CH001-03 | Radio Terminal Set AN/MRC-142 CH01-03 | PCN 123 095430 00<br>PCN 123 095430 01-03 |
| SL-4-09543A w/CH001-05 | Radio Set AN/MRC-142 CH01-05 | PCN 124 095430 00<br>PCN 124 095430 01-05 |
| MI-2320-24/69 | Soft top Brace on HMMWV | PCN 161 133656 00 |
| MI-09543A-35/1 Dtd 10 July 195 | Radio Terminal Set 1601 AN/MRC-142 | PCN 160 988750 00 |
| DOD 4000.25-1-M | Military Standard Requisitioning and Issue Procedures (MILSTRIP) | |

Military Hanbooks (For Guidance)

| | |
|---|---|
| MIL-HDBK-61 | Configuration Management Guidance |

2.3 Industry Standards

| | |
|---|---|
| JESD625-A | Requirements for Handling Electrostatic-Discharge-Sensitive (ESDS) Devices |
| ANSI/ISO/ASQC Q9001-2000 | Quality Management Systems-Requirements |

Industry Standards (For Guidance)

| | |
|---|---|
| ANSI/EIA-649 | National Consensus Standard for Configuration Management |

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697- 2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Logistics Management Specialist: Marine Corps Systems Command (MCSC), Attn: Logistics Management Specialist (Code C4IHF), 814 Radford Blvd., Suite 20343, Albany, Georgia 31704-0343, commercial telephone number (229) 639- 6773 or DSN 567-6773. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 Requirements

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, test and calibrate the Radio Set. Upon completion of rebuild, the subject item shall be Condition Code "A."

b. Conduct in-process and final on-site testing for witness by a MCSC (C4IHF), Albany, Georgia authorized representative.

3.2 Detail Tasks. The following tasks describe the different rebuild phases of the Radio Set.

3.2.1 Phase I- Pre-Induction. A pre-induction inspection analysis shall be performed for each Radio Set using the Contractor Facility's diagnosis, inspection and testing techniques to determine extent of work and parts required. These findings shall be annotated on the Pre-Induction Checklist (Appendix A).

3.2.2 Phase II -Rebuild. After pre-induction tests and inspections have been completed, repair of the Radio Set shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A) during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair. Any Modification Instruction (MI) or Engineering Change Proposal (ECP) not previously applied shall be incorporated.

a. Data Plate. Each repaired Radio Set shall have a rebuild data plate affixed to the location specified in MI-09543A-35/1 dated 10 July 1995: PCN 160 988750 00.

b. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items, safety, and one-time use items, etc., in accordance with this SOW. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Contractor shall conduct inspection, testing and acceptance of the Radio Set shall be in accordance with TM 09543A-12, TM-09543A-35/1 Vol. I, TM-09543A-35/1 Vol. I w/ CH001, TM-09543A-35/2 Vol. II w/CH001, SL-3-09543A w/CH001-03, SL-4-09543A w/CH001-05, MI-2320-24/69 and TI-5820-25/22A. Insure that all current ECPs and MIs have been incorporated.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion of the final acceptance. Acceptance tests shall be held at the contractor's facility. MCSC (C4IHF), Albany, Georgia authorized representative shall be given a minimum of two weeks notice prior to commencement of acceptance testing.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (C4IHF), Albany, Georgia authorized representative may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of item(s) being rebuilt under the terms of this Statement of Work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with Level "A"requirements of MIL-STD-2073-1D, Appendix A, Table A.VI., Electronic Equipment. Items scheduled for domestic shipment for immediate use or short- term storage shall be to Level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The contractor shall apply configuration procedures to establish configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 Provide guidance for preparing this configuration control document.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (Code 571-1) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis

to establish a chain of custody and identify property responsibilities for Marine Corps assets. Thecontractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to: Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229)-639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of the SOW through the DOD Supply System. DOD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DOD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Electrostatic Discharge (ESD) Control Program. The contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

3.7 Electromagnetic Environmental Effects (E3) Procedures. The Contractor shall plan for and use proper (E3) control procedures in the rebuild process and shall utilize TI-5820-25/22A in conjunction with the detailed requirements specified in this document.

3.8 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. The program shall ensure quality throughout all areas to include processing, assembly, inspection, testing, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. MCSC, (C4IHF), Albany reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements. The Contractor shall provide an Inspection and Test Plan that will ensure the Radio Set will meet or exceed its original performance characteristics. Inspection Test Plan shall be sent to: Marine Corps Systems Command (Code C4IHF), Attn: Logistics Management Specialist, 814 Radford Blvd., Suite 20343, Albany, Georgia 31704-0343.

3.9 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code C4IHF), Albany, GA representatives shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing shall be conducted at the Contractor's Facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

3.10 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code C4IHF), Albany, representative. The Contractor shall, at no

additional cost to MCSC, (Code C4IHF), Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

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# Pre-Induction Checklist

## Radio Set, AN/MRC-142

1. Using the following criteria, inspect the items listed below.

   a. Refer to SOW-835-2-08770A-2/1 for HMMWV inspection checklist.
   b. Inspect for dirt, dust, sand, etc.
   c. Inspect for rust and/or corrosion damage.
   d. Inspect for any physical damage to different units. (cuts, dents, cracks, broken pins, etc.)
   e. Ensure that all screws, washers, nuts, bolts, etc. are attached.
   f. Inspect for dry rot on all rubber and plastic components.
   g. Ensure that all covers and caps are attached.
   h. Ensure that all knobs, switches and breakers operate freely and properly.
   I. Inventory for accountability.

**S** - Serviceable **U** - Unserviceable **M** - Missing

| **Rack Assembly and Hardware:** | Qty | Condition | Remarks |
|---|---|---|---|
| 1. Rack | 1 | _____ | _____ |
| 2. CDA clamps | 4 | _____ | _____ |
| 3. RT Clamps | 4 | _____ | _____ |
| 4. Thumbscrews, | 8 | _____ | _____ |
| 5. Ground straps | 7 | _____ | _____ |
| 6. PDP hold down screws | 4 | _____ | _____ |
| 7. KY-57 mount and Hardware | 1 | _____ | _____ |
| 8. V Rubber Mast Bumper | 2 | _____ | _____ |
| 9. Mast Hold Down Straps | 2 | _____ | _____ |
| 10. FOCS Hold Down Straps | 2 | _____ | _____ |
| 11. Mast Pad Straps | 2 | _____ | _____ |
| 12. RF Cable | 2 | _____ | _____ |

| **Cable Assemblies:** | | | |
|---|---|---|---|
| 1. Pwr CDA #2 W3 (PDP J8 - CDA2 J1) | 1 | _____ | _____ |
| 2. Pwr CDA #1 W4 (PDP J8 - CDA1 J1) | 1 | _____ | _____ |
| 3. Pwr Cable RT #1 W2 (PDP J6 - RT1 J2/J3) | 1 | _____ | _____ |
| 4. Pwr Cable RT #2 W5 (PDP J7 - RT2 J2/J3) | 1 | _____ | _____ |
| 5. Repeater Cable W12 (CDA1 J6 - CDA2 J6) | 1 | _____ | _____ |
| 6. Baseband Cable W16 (CDA2 J7 - RT B.B.) | 1 | _____ | _____ |
| 7. KY-57 BLK W9 (CDA J2 - KY-57) | 1 | _____ | _____ |
| 8. TED Cable 2 W11 (CDA2 J3 - TED 2) | 1 | _____ | _____ |
| 9. TED Cable 1 W10 (CDA2 J4 - TED 2) | 1 | _____ | _____ |
| 10. TED Cable 2 W13 (CDA1 (B)J4 - TED 1) | 1 | _____ | _____ |
| 11. TED Cable 1 W14 (CDA1 (R)J4 - TED 1) | 1 | _____ | _____ |

| | | | | |
|---|---|---|---|---|
| 12. | KY-57 RED W8 (CDA J5 -KY-57) | 1 | _____ | _____ |
| 13. | Baseband Cable W15 (CDA J7 - RT B.B.) | 1 | _____ | _____ |
| 14. | Pwr Cable W1 | 1 | _____ | _____ |

**CDA #1** Front Panel Inventory/Serviceability check:

| | | | |
|---|---|---|---|
| 1. | Handset Connector, and cover, J9 | _____ | _____ |
| 3. | Trunk Loop Rate Switch | _____ | _____ |
| 4. | Volume Control | _____ | _____ |
| 5. | Orderwire Mode Switch | _____ | _____ |
| 6. | AVOW and DVOW Call Lamp | _____ | _____ |
| 7. | Orderwire Call Switch | _____ | _____ |
| 8. | Timing Select Switch | _____ | _____ |
| 9. | Operating Mode Control Switch | _____ | _____ |
| 10. | Loopback Selector Switch | _____ | _____ |
| 11. | Power On/Off Circuit Breaker | _____ | _____ |
| 12. | Audible Alarm Speaker | _____ | _____ |
| 13. | Reset Switch | _____ | _____ |
| 14. | Alarm Status Monitors | _____ | _____ |
| 15. | Test Switch | _____ | _____ |
| 16. | NSW Indicator | _____ | _____ |
| 17. | FRM Indicator | _____ | _____ |
| 18. | INCM Indicator | _____ | _____ |
| 19. | FLT Indicator | _____ | _____ |
| 20. | PWR Indicator | _____ | _____ |

**CDA #1** Rear Panel Inventory/Serviceability Check:

| | | | |
|---|---|---|---|
| 1. | Power Connector, and cover, J1 | _____ | _____ |
| 2. | KY-57 Black, and cover, J2 | _____ | _____ |
| 3. | KG-194A Black, and cover, J3 | _____ | _____ |
| 4. | KG-194A Red, and cover, J4 | _____ | _____ |
| 5. | KY-57 Red, and cover, J5 | _____ | _____ |
| 6. | RPTR, and cover, J6 | _____ | _____ |
| 7. | Radio, and cover, J7 | _____ | _____ |
| 8. | Ground, E1 | _____ | _____ |
| 9. | Cable conn. and cover, J8 | _____ | _____ |

**CDA #2** Front Panel Inventory/Serviceability check:

| | | | |
|---|---|---|---|
| 1. | Handset Connector, and cover, J9 | _____ | _____ |
| 3. | Trunk Loop Rate Switch | _____ | _____ |
| 4. | Volume Control | _____ | _____ |
| 5. | Orderwire Mode Switch | _____ | _____ |
| 6. | AVOW and DVOW Call Lamp | _____ | _____ |
| 7. | Orderwire Call Switch | _____ | _____ |

| | | | |
|---|---|---|---|
| 8. | Timing Select Switch | _____ | _____ |
| 9. | Operating Mode Control Switch | _____ | _____ |
| 10. | Loopback Selector Switch | _____ | _____ |
| 11. | Power On/Off Circuit Breaker | _____ | _____ |
| 12. | Audible Alarm Speaker | _____ | _____ |
| 13. | Reset Switch | _____ | _____ |
| 14. | Alarm Status Monitors | _____ | _____ |
| 15. | Test Switch | _____ | _____ |
| 16. | NSW Indicator | _____ | _____ |
| 17. | FRM Indicator | _____ | _____ |
| 18. | INCM Indicator | _____ | _____ |
| 19. | FLT Indicator | _____ | _____ |
| 20. | PWR Indicator | _____ | _____ |

**CDA #2** Rear Panel Inventory/Serviceability Check:

| | | | |
|---|---|---|---|
| 1. | Power Connector, and cover, J1 | _____ | _____ |
| 2. | KY-57 Black, and cover, J2 | _____ | _____ |
| 3. | KG-194A Black, and cover, J3 | _____ | _____ |
| 4. | KG-194A Red, and cover, J4 | _____ | _____ |
| 5. | KY-57 Red, and cover, J5 | _____ | _____ |
| 6. | RPTR, and cover, J6 | _____ | _____ |
| 7. | Radio, and cover, J7 | _____ | _____ |
| 8. | Ground, E1 | _____ | _____ |
| 9. | Cable conn. and cover, J8 | _____ | _____ |

**PDP #1** Inventory/Serviceability Check:

| | | | |
|---|---|---|---|
| 1. | Frequency Meter | _____ | _____ |
| 2. | AC Voltage Meter | _____ | _____ |
| 3. | AC Power Indicator (green) | _____ | _____ |
| 4. | DC Power Indicator (green) | _____ | _____ |
| 5. | DC Voltage Meter | _____ | _____ |
| 6. | RVS PLRT, Reverse Polarity Indicator (red) | _____ | _____ |
| 7. | DC Circuit Breaker | _____ | _____ |
| 8. | AC/DC Circuit Breaker, Mechanical Interlock | _____ | _____ |
| 9. | AC Circuit Breaker | _____ | _____ |
| 10. | DC Input, J2 | _____ | _____ |
| 11. | AC Input, J1 | _____ | _____ |
| 12. | AC/DC Black PWR to UHF Radio #1, J6 | _____ | _____ |
| 13. | AC/DC Black PWR to UHF Radio #2, J7 | _____ | _____ |
| 14. | DC Red PWR to TD-1234 RMC, J3-RMC-DC | _____ | _____ |
| 15. | AC Red PWR to TD-1234 RMC, J4-RMC-AC | _____ | _____ |
| 16. | AC/DC Red PWR to FOCS, J5 FOCS | _____ | _____ |
| 17. | AC/DC Black PWR tp CDA #2, J9 | _____ | _____ |
| 18. | AC/DC Black PWR tp CDA #1, J8 | _____ | _____ |
| 19. | Ground Connection, E1 | _____ | _____ |

**PDP #2** Inventory/Serviceability Check:

| | | | |
|---|---|---|---|
| 1. | Frequency Meter | _____ | _____ |
| 2. | AC Voltage Meter | _____ | _____ |
| 3. | AC Power Indicator (green) | _____ | _____ |
| 4. | DC Power Indicator (green) | _____ | _____ |
| 5. | DC Voltage Meter | _____ | _____ |
| 6. | RVS PLRT, Reverse Polarity Indicator (red) | _____ | _____ |
| 7. | DC Circuit Breaker | _____ | _____ |
| 8. | AC/DC Circuit Breaker, Mechanical Interlock | _____ | _____ |
| 9. | AC Circuit Breaker | _____ | _____ |
| 10. | DC Input, J2 | _____ | _____ |
| 11. | AC Input, J1 | _____ | _____ |
| 12. | AC/DC Black PWR to UHF Radio #1, J6 | _____ | _____ |
| 13. | AC/DC Black PWR to UHF Radio #2, J7 | _____ | _____ |
| 14. | DC Red PWR to TD-1234 RMC, J3-RMC-DC | _____ | _____ |
| 15. | AC Red PWR to TD-1234 RMC, J4-RMC-AC | _____ | _____ |
| 16. | AC/DC Red PWR to FOCS, J5 FOCS | _____ | _____ |
| 17. | AC/DC Black PWR to CDA #2, J9 | _____ | _____ |
| 18. | AC/DC Black PWR to CDA #1, J8 | _____ | _____ |
| 19. | Ground Connection, E1 | _____ | _____ |

**RT #1** Inventory/Serviceability check:

| | | | |
|---|---|---|---|
| 1. | Buzzer, Alarm | _____ | _____ |
| 2. | Antenna Connector, and cover, J12 | _____ | _____ |
| 3. | Pressure Relief Valve | _____ | _____ |
| 4. | Display/Alarm Indicator | _____ | _____ |
| 5. | TX/REC Freq.. Display | _____ | _____ |
| 6. | BASEBAND Connector, and cover, J3 | _____ | _____ |
| 7. | SYSCON Connector, and cover, J4 | _____ | _____ |
| 8. | EOW Connector, and cover, J5 | _____ | _____ |
| 9. | AUDIO Connector, | _____ | _____ |
| 10. | Ground Terminal | _____ | _____ |
| 11. | Keypad | _____ | _____ |
| 12. | IN-AC Connector, and cover, J10 | _____ | _____ |
| 13. | DC-PWR Connector, and cover, J11 | _____ | _____ |
| 14. | Power On Switch | _____ | _____ |
| 15. | On Indicator | _____ | _____ |
| 16. | Chassis and Hardware | _____ | _____ |

**RT #2** Inventory/Serviceability check:

| | | | |
|---|---|---|---|
| 1. | Buzzer, Alarm | _____ | _____ |
| 2. | Antenna Connector, and cover, J12 | _____ | _____ |

| | | | | |
|---|---|---|---|---|
| 3. | Pressure Relief Valve | | _____ | _____ |
| 4. | Display/Alarm Indicator | | _____ | _____ |
| 5. | TX/REC Freq.. Display | | _____ | _____ |
| 6. | BASEBAND Connector, and cover, J3 | | _____ | _____ |
| 7. | SYSCON Connector, and cover, J4 | | _____ | _____ |
| 8. | EOW Connector, and cover, J5 | | _____ | _____ |
| 9. | AUDIO Connector, | | _____ | _____ |
| 10. | Ground Terminal | | _____ | _____ |
| 11. | Keypad | | _____ | _____ |
| 12. | IN-AC Connector, and cover, J10 | | _____ | _____ |
| 13. | DC-PWR Connector, and cover, J11 | | _____ | _____ |
| 14. | Power On Switch | | _____ | _____ |
| 15. | On Indicator | | _____ | _____ |
| 16. | Chassis and Hardware | | _____ | _____ |

**Antenna Assembly #1** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Feed Assembly | 1 | _____ | _____ |
| 2. | Reflector Assembly | 1 | _____ | _____ |
| 3. | OffSet Adapter | 1 | _____ | _____ |
| 4. | Dust Caps, feed assembly | 2 | _____ | _____ |

**Antenna Assembly #2** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Feed Assembly | 1 | _____ | _____ |
| 2. | Reflector Assembly | 1 | _____ | _____ |
| 3. | Off Set Adapter | 1 | _____ | _____ |
| 4. | Dust Caps, feed assembly | 2 | _____ | _____ |

**Antenna Mast Assembly #1** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Mast Section, Telescoping, 11 sections | 1 | _____ | _____ |
| 2. | Guy Ring Assemblies, p/o mast sections, | 4 | _____ | _____ |
| 3. | Clamp Assemblies, p/o mast sections, | 10 | _____ | _____ |
| 4. | Carrying Handle, p/o mast section, | 1 | _____ | _____ |
| 5. | Compass, p/o carrying handle, | 1 | _____ | _____ |
| 6. | Level, p/o carrying handle, | 1 | _____ | _____ |

**Antenna Mast Assembly #2** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Mast Section, Telescoping, 11 sections | 1 | _____ | _____ |
| 2. | Guy Ring Assemblies, p/o mast sections, | 4 | _____ | _____ |
| 3. | Clamp Assemblies, p/o mast sections, | 10 | _____ | _____ |
| 4. | Carrying Handle, p/o mast section, | 1 | _____ | _____ |
| 5. | Compass, p/o carrying handle, | 1 | _____ | _____ |
| 6. | Level, p/o carrying handle, | 1 | _____ | _____ |

**Mast Accessory Kit #1** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Mast Accessory Bag | 1 | _____ | _____ |

| | | | | |
|---|---|---|---|---|
| 2. | Hammer | 1 | _____ | _____ |
| 3. | Base Spike | 1 | _____ | _____ |
| 4. | Guy Line Anchors | 12 | _____ | _____ |
| 5. | Guy Line Reels | 2 | _____ | _____ |
| 6. | Guy Lines, p/o guy line reels, (Blue) | 4 | _____ | _____ |
| 7. | Guy Lines, p/o guy line reels, (Green) | 4 | _____ | _____ |
| 8. | Guy Lines, p/o guy line reels, (Black) | 4 | _____ | _____ |
| 9. | Guy Lines, p/o guy line reels, (Brown) | 4 | _____ | _____ |
| 10. | Azimuth Locking Pin | 1 | _____ | _____ |
| 11. | Wrench, 10mm | 1 | _____ | _____ |

**Mast Accessory Kit #2** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Mast Accessory Bag | 1 | _____ | _____ |
| 2. | Hammer | 1 | _____ | _____ |
| 3. | Base Spike | 1 | _____ | _____ |
| 4. | Guy Line Anchors | 12 | _____ | _____ |
| 5. | Guy Line Reels | 2 | _____ | _____ |
| 6. | Guy Lines, p/o guy line reels, (Blue) | 4 | _____ | _____ |
| 7. | Guy Lines, p/o guy line reels, (Green) | 4 | _____ | _____ |
| 8. | Guy Lines, p/o guy line reels, (Black) | 4 | _____ | _____ |
| 9. | Guy Lines, p/o guy line reels, (Brown) | 4 | _____ | _____ |
| 10. | Azimuth Locking Pin | 1 | _____ | _____ |
| 11. | Wrench, 10mm | 1 | _____ | _____ |

**System Accessory Kit #1** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Accessory Bag | 1 | _____ | _____ |
| 2. | H-250 Handset | 2 | _____ | _____ |
| 3. | RMC Power Cable | 1 | _____ | _____ |
| 4. | FOCS AC Power Cable | 1 | _____ | _____ |
| 5. | FOCS DC Power Cable | 1 | _____ | _____ |
| 6. | TED Bypass Cable | 2 | _____ | _____ |
| 7. | Repeater Cable | 1 | _____ | _____ |
| 8. | Connector, Adapter, Series N | 1 | _____ | _____ |
| 9. | Dummy Load | 1 | _____ | _____ |
| 10. | Cold Weather Finger | 1 | _____ | _____ |

**System Accessory Kit #2** Inventory/Serviceability Check:

| | | | | |
|---|---|---|---|---|
| 1. | Accessory Bag | 1 | _____ | _____ |
| 2. | H-250 Handset | 2 | _____ | _____ |
| 3. | RMC Power Cable | 1 | _____ | _____ |
| 4. | FOCS AC Power Cable | 1 | _____ | _____ |
| 5. | FOCS DC Power Cable | 1 | _____ | _____ |
| 6. | TED Bypass Cable | 2 | _____ | _____ |
| 7. | Repeater Cable | 1 | _____ | _____ |

| | | | | |
|---|---|---|---|---|
| 8. | Connector, Adapter, Series N | 1 | _____ | _____ |
| 9. | Dummy Load | 1 | _____ | _____ |
| 10. | Cold Weather Finger | 1 | _____ | _____ |