

COMMUNICATIONS-ELECTRONICS MAINTENANCE
Combat Communications Squadron

1. **Objective.** As prescribed in AFI 38-201, *Determining Manpower Requirements*, this Air National Guard Manpower Standard (ANGMS) quantifies the full-time manpower requirement to accomplish the tasks described in the work center description for varying levels of workload volume within the Communications-Electronics (C-E) Maintenance work center.
2. **Authority.** The policy and guidance for the operation of the C-E Maintenance work center is derived from numerous regulations, the majority of which are contained in, but not limited to, the 56-series, AFI 21-series (formerly 66-series), AFMAN 23-110 (formerly 67-series), 102-series, and AFI 31-series (formerly 205-series) of Air Force (AF) and/or Air National Guard (ANG) directives. This ANGMS has been developed in accordance with procedures contained in AFPAM 38-208V1, *Air Force Management Engineering Program (MEP) Processes*, formerly AFR 25-5.
3. **Applicability:**
 - a. This standard applies to all Combat Communications Squadrons authorized a C-E Maintenance work center, FAC 2600C4, except as noted below:
 - (1) 114 CCSQ, Jacksonville FL
 - (2) 118 CCSQ, Badin NC
 - (3) 176 CCSQ, Anchorage AK
 - (4) 205 CCSQ, Lexington KY
 - (5) 285 CCFT, St. Croix VI
 - b. This standard applies to peacetime operations only.
4. **Standard Data:**
 - a. Classification. Type II.
 - b. Approval Date. 16 June 1994.
 - c. Man-hour Data Source. Operational Audit (historical record and technical estimate techniques).
 - d. Standard Man-hour Equations:
 - (1) Wideband Radio Maintenance: $Y_1 = 68.67 + 10.87X$
 - (2) Ground Radio Maintenance: $Y_2 = 66.01 + 7.280X$
 - (3) Secure Communications/Electronic Switch Maintenance: $Y_3 = 54.94 + 27.37X$
 - (4) Satellite Communications Maintenance: $Y_4 = 58.12 + 37.32X$
 - e. Workload Factors:
 - (1) Titles:
 - (a) Wideband Radio Maintenance. $X = A$ Weighted Unit Type Code (UTC) Maintained.
 - (b) Ground Radio Maintenance. $X = A$ Weighted UTC Maintained.
 - (c) Secure Communications/Electronic Switch Maintenance. $X = A$ Weighted UTC Maintained.
 - (d) Satellite Communications Maintenance. $X = A$ UTC Maintained.
 - (2) Definitions:
 - (a) Wideband Radio Maintenance. The total number of Weighted UTCs maintained by the Wideband Radio work center.
 - (b) Ground Radio Maintenance. The total number of Weighted UTCs maintained by the Ground Radio work center.

(c) Secure Communications/Electronic Switch Maintenance. The total number of Weighted UTCs maintained by the Secure Communications/Electronic Switch work center.

(d) Satellite Communications Maintenance. The total number of UTCs maintained by the Satellite Communications work center.

(3) Sources:

(a) Wideband Radio Maintenance. Unit's Designed Operational Capability (DOC) Statement maintained by ANGR/SCOM.

1 For all units except the 263, 282, and the 283 CCSQ: Count all equipment UTCs in Section II, paragraph C. In Section IV, paragraph A, count all equipment UTCs except those "awaiting receipt" and "awaiting disposition". In Section IV, paragraph B, count only the equipment UTCs not previously counted in Section II, paragraph C, and Section IV, paragraph A. Refer to UTC/Weighted UTC Listing at attachment 3 for acceptable list of Combat Communications equipment UTCs and weighted value for each.

2 For the 263, 282, 283 CCSQ and any other unit which has a UTC tasking to support "WARTIME/TCCE-CA": Count all equipment UTCs in Section II, paragraph C. In Section V, paragraph B, count only the equipment UTCs not previously counted in Section II, paragraph C. Refer to UTC/Weighted UTC Listing at attachment 3 for acceptable list of Combat Communications equipment UTCs and weighted value of each.

(b) Ground Radio Maintenance. Unit's DOC Statement maintained by ANGR/SCOM. Same as (3)(a)1 and 2, above.

(c) Secure Communications/Electronic Switch Maintenance. Unit's DOC Statement maintained by ANGR/SCOM. Same as (3)(a)1 and 2, above.

(d) Satellite Communications Maintenance. Unit's DOC Statement maintained by ANGR/SCOM. Same as (3)(a)1 and 2, above.

5. Application Instructions:

a. The valid man-hour ranges for this ANGMS are 81.92 through 217.54 for (Y_1), Wideband Radio Maintenance man-hours; 74.51 through 243.22 for (Y_2), Ground Radio Maintenance man-hours; 122.51 through 372.52 for (Y_3), Secure Communications/Electronics Switch Maintenance man-hours; and 71.58 through 165.96 for (Y_4), Satellite Communications Maintenance man-hours. Extrapolation limits represent the upper and lower man-hour values that bind the applicability range. These limits represent the maximum amount the equations can be extended. All Communications-Electronics Maintenance work centers were combined into one work center which more accurately depicts the operation of a Combat Communications maintenance function.

b. Manual Application:

(1) Calculate the correct value for each WLF identified in paragraph 4e above. Substitute these values for the appropriate value of X in the man-hour equations (Y_1 , Y_2 , Y_3 , and Y_4) identified in paragraph 4d.

(2) Divide the total required man-hours of each equation by the appropriate civilian Man-hour Availability Factor (MAF) to determine the manpower requirements for each work center. Add the results (whole manpower) together to determine the total Communications-Electronics Maintenance manpower requirements.

c. Automated Application:

(1) Hardware/Software Requirements:

(a) IBM compatible computer with 80386 microprocessor.

(b) Lotus 123 Release 3.

(c) Lotus 123 File, COMBAT.WK3.

(2) First load the Lotus 123R3 file, "COMBAT.WK3". From the menu, select "Enter Workload Data". Next enter the number of equipment UTCs maintained by each unit. The program will calculate the weighted UTCs and standard man-hours for each work center. The total required manpower will be automatically allocated to each unit. On-screen instructions are provided to assist with saving and printing data.

d. Refer to the attachment 2, Standard Manpower Table, AF Form 1113, to determine specific Air Force specialties.

6. Statement of Conditions. The conditions listed below had no effect on the development of this standard, nor will they affect future applications. Analyses of these levels of service indicate no manpower impact:

- a. Minimum response rates.
- b. Minimum manpower levels.
- c. Standardized crew complements.
- d. Safety considerations.
- e. Aircraft turn-around time.
- f. Length of waiting periods.
- g. Levels of backlog.
- h. Hours of operation.

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- 3 Attachments**
- 1. Work Center Description**
 - 2. Standard Manpower Table**
 - 3. UTC/Weighted UTC Listing**

WORK CENTER DESCRIPTION
Communications-Electronics Maintenance

DIRECT:

1. WIDEBAND RADIO:

1.1. MAINTAINS WIDEBAND RADIO:

1.1.1. MANAGES TRC-170 RADIO. Performs maintenance, inspection, repair, and training of unit and associated equipment.

1.1.1.1. INSTALLS TRC-170 RADIO. Sets-up equipment and performs an operational check if required.

1.1.1.2. MAINTAINS TRC-170 RADIO. Travels to site, performs required maintenance, completes documentation, and returns to work center.

1.1.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

1.1.1.2.2. PERFORMS PERIODIC MAINTENANCE INSPECTION (PMI). Inspects equipment in accordance with (IAW) Periodic Inspection Work Card, performs required maintenance, and performs operational check.

1.1.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, Time Compliance Technical Order (TCTO), etc.

1.1.1.3. SERVICES TRC-170 RADIO. Performs servicing inspection IAW applicable technical order (T.O.) and performs minor repair discovered during inspection.

1.1.2. MANAGES TROPO-SATELLITE SUPPORT RADIO (TSSR). Performs maintenance, inspection, repair, and training of unit and associated equipment.

1.1.2.1. INSTALLS TSSR. Sets-up equipment and performs an operational check if required.

1.1.2.2. MAINTAINS TSSR. Travels to site, performs required maintenance, completes documentation, and returns to work center.

1.1.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

1.1.2.2.2. PERFORMS PML Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

1.1.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

1.1.2.3. SERVICES TSSR. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

1.1.3. MAINTAINS TSC-129 (HAMMER RICK) OR TCS-102. Performs maintenance, inspection, repair, and training of unit and associated equipment.

1.1.3.1. INSTALLS TSC-129 OR TSC-102. Sets-up equipment and performs an operational check if required.

1.1.3.2. MAINTAINS TSC-129 OR TSC-102. Travels to site, performs required maintenance, completes documentation, and returns to work center.

1.1.3.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

1.1.3.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

1.1.3.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

1.1.3.3. SERVICES TSC-129 OR TSC-102. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

1.1.4. PERFORMS WIDEBAND ANTENNA MAINTENANCE. Travels to site, performs required maintenance, completes documentation, and returns to work center.

1.2. PERFORMS WIDEBAND RADIO TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to file. Maintains file for serviceability.

1.3. MANAGES WIDEBAND RADIO CORROSION CONTROL PROGRAM:

1.3.1. PREPARES UNIT. Prepares unit for repainting and paints unit.

1.3.2. STENCILS UNIT. Stencils and applies decal to unit after painting.

1.3.3. PERFORMS OPERATIONAL CHECK. Conducts operational check of equipment after painting.

1.4. PERFORMS WIDEBAND RADIO MOBILITY TASKING:

1.4.1. DEVELOPS/MAINTAINS UNIT TYPE CODE (UTC) LOGISTICS PLAN.

1.4.2. PERFORMS PRE-DEPLOYMENT TASKING:

1.4.2.1. REVIEWS DOCUMENTATION. Reviews Logistic Detail (LOG DET) for accuracy and makes adjustment to Logistics Plan as necessary.

1.4.2.2. PERFORMS INVENTORY. Ensures that vehicle, van, pallet, or box has appropriate contents according to Logistics Plan.

1.4.2.3. PREPARES FOR TRANSPORTATION:

1.4.2.3.1. PREPARES TRUCK FOR DEPLOYMENT.

1.4.2.3.2. PREPARES PALLET FOR DEPLOYMENT.

1.4.3. PERFORMS POST-DEPLOYMENT TASKING:

1.4.3.1. PERFORMS POST-DEPLOYMENT INVENTORY. Ensures that equipment is accounted for, clean, and serviceable.

1.4.3.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

1.4.3.3. REPACKS AND STORES EQUIPMENT.

1.5. PERFORMS WIDEBAND RADIO EQUIPMENT INVENTORY/MAINTENANCE:

1.5.1. PERFORMS CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL) INVENTORY:

1.5.1.1. INVENTORIES EQUIPMENT. Ensures that equipment is accounted for, clean, and serviceable.

1.5.1.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

1.5.2. INVENTORIES MOBILITY SUPPORT EQUIPMENT. Inventories, cleans, and ensures serviceability of tents, cots, etc. Orders replacement item, as required.

1.5.3. PERFORMS MOBILITY KIT MAINTENANCE. Paints, stencils, and cleans mobility kit.

1.5.4. PERFORMS QUARTERLY EQUIPMENT REVIEW (TA-420).

1.6. PERFORMS WIDEBAND RADIO MAINTENANCE FUNCTIONAL CHECK. Receives item from Supply, performs extensive functional check, attaches updated serviceable tag, and returns item to Supply.

1.7. PERFORMS WIDEBAND RADIO TRADITIONAL GUARDSMAN PROFICIENCY TRAINING:

1.7.1. REVIEWS INDIVIDUAL TRAINING RECORD/JOB PROFICIENCY GUIDE AND DETERMINES TRAINING REQUIREMENT.

1.7.2. ANNOTATES TRAINING RECORD UPON COMPLETION OF TRAINING.

1.7.3. DEVELOPS/REVIEWS TRAINING PLAN.

1.8. PERFORMS WIDEBAND RADIO SITE SURVEY. Performs predeployment site survey.

2. GROUND RADIO:

2.1. MAINTAINS GROUND RADIO:

2.1.1. MAINTAINS HIGH FREQUENCY (HF) RADIO:

2.1.1.1. MANAGES HF/INDEPENDENT SIDE BAND (ISB) RADIO (E.G., TSC-60). Performs maintenance, inspection, repair, and training of unit and associated equipment.

2.1.1.1.1. INSTALLS HF/ISB RADIO. Sets-up equipment and performs an operational check if required.

2.1.1.1.2. MAINTAINS HF/ISB RADIO. Travels to site, performs required maintenance, completes documentation, and returns to work center.

2.1.1.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

2.1.1.1.2.2. PERFORMS PMI. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

2.1.1.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

2.1.1.1.3. SERVICES HF/ISB RADIO. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

2.1.1.2. MANAGES HF/SINGLE SIDE BAND (SSB) RADIO (E.G., URC-119). Performs maintenance, inspection, repair, and training of unit and associated equipment.

2.1.1.2.1. INSTALLS HF/SSB RADIO. Sets-up equipment and performs an operational check if required.

2.1.1.2.2. MAINTAINS HF/SSB RADIO. Travels to site, performs required maintenance, completes documentation, and returns to work center.

2.1.1.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

2.1.1.2.2.2. PERFORMS PMI. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

2.1.1.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

2.1.1.2.3. SERVICES HF/SSB RADIO. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

2.1.1.3. MANAGES AUXILIARY HF RADIO EQUIPMENT (E.G., TRQ-35). Performs maintenance, inspection, repair, and training of unit and associated equipment.

2.1.1.3.1. INSTALLS AUXILIARY HF RADIO EQUIPMENT. Sets-up equipment and performs an operational check if required.

2.1.1.3.2. MAINTAINS HF RADIO EQUIPMENT. Travels to site, performs required maintenance, completes documentation, and returns to work center.

2.1.1.3.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

2.1.1.3.2.2. PERFORMS PMI. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

2.1.1.3.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

- 2.1.1.3.3. SERVICES AUXILIARY HF RADIO EQUIPMENT.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 2.1.2. MAINTAINS VERY HIGH FREQUENCY (VHF) RADIO.** Performs maintenance, inspection, repair, and training of unit and associated equipment.
- 2.1.2.1. INSTALLS VHF RADIO.** Sets-up equipment and performs an operational check if required.
- 2.1.2.2. MAINTAINS VHF RADIO.** Travels to site, performs required maintenance, completes documentation, and returns to work center.
- 2.1.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE.** Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.
- 2.1.2.2.2. PERFORMS PML.** Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.
- 2.1.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE.** Performs modification, Technical Inspection, TCTO, etc.
- 2.1.2.3. SERVICES VHF RADIO.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 2.1.3. MAINTAINS ULTRA HIGH FREQUENCY (UHF) RADIO.** Performs maintenance, inspection, repair, and training of unit and associated equipment.
- 2.1.3.1. INSTALLS UHF RADIO.** Sets-up equipment and performs an operational check if required.
- 2.1.3.2. MAINTAINS UHF RADIO.** Travels to site, performs required maintenance, completes documentation, and returns to work center.
- 2.1.3.2.1. PERFORMS UNSCHEDULED MAINTENANCE.** Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.
- 2.1.3.2.2. PERFORMS PML.** Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.
- 2.1.3.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE.** Performs modification, Technical Inspection, TCTO, etc.
- 2.1.3.3. SERVICES UHF RADIO.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 2.1.4. MAINTAINS TACTICAL WEATHER FACILITY.** Performs maintenance, inspection, repair, and training of unit and associated equipment.
- 2.1.4.1. INSTALLS TACTICAL WEATHER FACILITY.** Sets-up equipment and performs an operational check if required.

2.1.4.2. MAINTAINS TACTICAL WEATHER FACILITY. Travels to site, performs required maintenance, completes documentation, and returns to work center.

2.1.4.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

2.1.4.2.2. PERFORMS PMI. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

2.1.4.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

2.1.4.3. SERVICES TACTICAL WEATHER FACILITY. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

2.2. PERFORMS GROUND RADIO TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to file. Maintains file for serviceability.

2.3. MANAGES GROUND RADIO CORROSION CONTROL PROGRAM:

2.3.1. PREPARES UNIT. Prepares unit for repainting and paints unit.

2.3.2. STENCILS UNIT. Stencils and applies decal to unit after painting.

2.3.3. PERFORMS OPERATIONAL CHECK. Conducts operational check of equipment after painting.

2.4. PERFORMS GROUND RADIO MOBILITY TASKING:

2.4.1. DEVELOPS/MAINTAINS UNIT TYPE CODE (UTC) LOGISTICS PLAN.

2.4.2. PERFORMS PRE-DEPLOYMENT TASKING:

2.4.2.1. REVIEWS DOCUMENTATION. Reviews Logistic Detail (LOG DET) for accuracy and makes adjustment to Logistics Plan as necessary.

2.4.2.2. PERFORMS INVENTORY. Ensures that vehicle, van, pallet, or box has appropriate contents according to Logistics Plan.

2.4.2.3. PREPARES FOR TRANSPORTATION:

2.4.2.3.1. PREPARES TRUCK FOR DEPLOYMENT.

2.4.2.3.2. PREPARES PALLET FOR DEPLOYMENT.

2.4.3. PERFORMS POST-DEPLOYMENT TASKING:

2.4.3.1. PERFORMS POST-DEPLOYMENT INVENTORY. Ensures that equipment is accounted for, clean, and serviceable.

2.4.3.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

2.4.3.3. REPACKS AND STORES EQUIPMENT.**2.5. PERFORMS GROUND RADIO EQUIPMENT INVENTORY/MAINTENANCE:****2.5.1. PERFORMS CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL) INVENTORY:**

2.5.1.1. INVENTORIES EQUIPMENT. Ensures that equipment is accounted for, clean, and serviceable.

2.5.1.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

2.5.2. INVENTORIES MOBILITY SUPPORT EQUIPMENT. Inventories, cleans, and ensures serviceability of tents, cots, etc. Orders replacement item, as required.

2.5.3. PERFORMS MOBILITY KIT MAINTENANCE. Paints, stencils, and cleans mobility kit.

2.5.4. PERFORMS QUARTERLY EQUIPMENT REVIEW (TA-420).

2.6. PERFORMS GROUND RADIO MAINTENANCE FUNCTIONAL CHECK. Receives item from Supply, performs extensive functional check, attaches updated serviceable tag, and returns item to Supply.

2.7. PERFORMS GROUND RADIO TRADITIONAL GUARDSMAN PROFICIENCY TRAINING:

2.7.1. REVIEWS INDIVIDUAL TRAINING RECORD/JOB PROFICIENCY GUIDE AND DETERMINES TRAINING REQUIREMENT.

2.7.2. ANNOTATES TRAINING RECORD UPON COMPLETION OF TRAINING.

2.7.3. DEVELOPS/REVIEWS TRAINING PLAN.

2.8. PERFORMS GROUND RADIO SITE SURVEY. Performs predeployment site survey.

3. SECURE COMMUNICATIONS/ELECTRONIC SWITCH:**3.1. MAINTAINS SECURE COMMUNICATION/ELECTRONIC SWITCH EQUIPMENT:****3.1.1. MAINTAINS TECHNICAL CONTROL FACILITY:**

3.1.1.1. MANAGES TSQ-111 TECHNICAL CONTROL FACILITY. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.1.1.1. INSTALLS TSQ-111. Develops data base, sets-up equipment, and performs an operational check if required.

3.1.1.1.2. MAINTAINS TSQ-111. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.1.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.1.1.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.1.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.1.1.3. SERVICES TSQ-111. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.1.2. MANAGES FCC-100 TIME DIVISION MULTIPLEX. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.1.2.1. INSTALLS FCC-100. Sets-up equipment and performs an operational check if required.

3.1.1.2.2. MAINTAINS FCC-100. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.1.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.1.2.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.1.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.1.2.3. SERVICES FCC-100. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.2. MAINTAINS COMMUNICATIONS CENTER:

3.1.2.1. MANAGES AN/TGC 27 COMMUNICATIONS CENTER. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.2.1.1. INSTALLS AN/TGC 27 COMMUNICATIONS CENTER. Sets-up equipment and performs an operational check if required.

3.1.2.1.2. MAINTAINS AN/TCC 27 COMMUNICATIONS CENTER. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.2.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.2.1.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.2.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

- 3.1.2.1.3. SERVICES AN/TGC 27 COMMUNICATIONS CENTER.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 3.1.2.2. MANAGES AN/UGC 144 COMMUNICATIONS TERMINAL.** Performs maintenance, inspection, repair, and training of unit and associated equipment.
- 3.1.2.2.1. INSTALLS AN/UGC 144 COMMUNICATIONS TERMINAL.** Sets-up equipment and performs an operational check if required.
- 3.1.2.2.2. MAINTAINS AN/UGC 144 COMMUNICATIONS TERMINAL.** Travels to site, performs required maintenance, completes documentation, and returns to work center.
- 3.1.2.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE.** Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.
- 3.1.2.2.2.2. PERFORMS PML.** Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.
- 3.1.2.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE.** Performs modification, Technical Inspection, TCTO, etc.
- 3.1.2.2.3. SERVICES AN/UGC 144 COMMUNICATIONS TERMINAL.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 3.1.2.3. MANAGES AN/UXC 7 TACTICAL FACSIMILE.** Performs maintenance, inspection, repair, and training of unit and associated equipment.
- 3.1.2.3.1. INSTALLS AN/UXC 7 TACTICAL FACSIMILE.** Sets-up equipment and performs an operational check if required.
- 3.1.2.3.2. MAINTAINS AN/UXC 7 TACTICAL FACSIMILE.** Travels to site, performs required maintenance, completes documentation, and returns to work center.
- 3.1.2.3.2.1. PERFORMS UNSCHEDULED MAINTENANCE.** Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.
- 3.1.2.3.2.2. PERFORMS PML.** Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.
- 3.1.2.3.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE.** Performs modification, Technical Inspection, TCTO, etc.
- 3.1.2.3.3. SERVICES AN/UXC 7 TACTICAL FACSIMILE.** Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.
- 3.1.3. MAINTAINS SWITCHBOARD:**
- 3.1.3.1. MANAGES AN/TTC 39 SWITCHBOARD.** Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.3.1.1. INSTALLS AN/TTC 39 SWITCHBOARD. Develops data base, sets-up equipment, and performs an operational check if required.

3.1.3.1.2. MAINTAINS AN/TTC 39 SWITCHBOARD. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.3.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.3.1.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.3.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.3.1.3. SERVICES AN/TTC 39 SWITCHBOARD. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.3.2. MANAGES SB 3614 SWITCHBOARD. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.3.2.1. INSTALLS SB 3614 SWITCHBOARD. Develops data base, sets-up equipment, and performs an operational check if required.

3.1.3.2.2. MAINTAINS SB 3614 SWITCHBOARD. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.3.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.3.2.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.3.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.3.2.3. SERVICES SB 3614 SWITCHBOARD. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.3.3. MANAGES SB 3865 SWITCHBOARD. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.3.3.1. INSTALLS SB 3865 SWITCHBOARD. Develops data base, sets-up equipment, and performs an operational check if required.

3.1.3.3.2. MAINTAINS SB 3865 SWITCHBOARD. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.3.3.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and

corrects other discrepancy as required.

3.1.3.3.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.3.3.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.3.3.3. SERVICES SB 3865 SWITCHBOARD. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.4. MANAGES CRYPTOGRAPHIC EQUIPMENT. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.4.1. INSTALLS CRYPTOGRAPHIC EQUIPMENT. Sets-up equipment and performs an operational check if required.

3.1.4.2. MAINTAINS CRYPTOGRAPHIC EQUIPMENT. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.4.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.4.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.4.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.4.3. SERVICES CRYPTOGRAPHIC EQUIPMENT. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

3.1.5. MANAGES TELEPHONE/DATA EQUIPMENT. Performs maintenance, inspection, repair, and training of unit and associated equipment.

3.1.5.1. INSTALLS TELEPHONE/DATA EQUIPMENT. Sets-up equipment and performs an operational check if required.

3.1.5.2. MAINTAINS TELEPHONE/DATA EQUIPMENT. Travels to site, performs required maintenance, completes documentation, and returns to work center.

3.1.5.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

3.1.5.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

3.1.5.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

3.1.5.3. MANUFACTURES/REPAIRS CABLE. Manufactures/repairs communications/power cable for all equipment.

3.2. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to file. Maintains file for serviceability.

3.3. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH MOBILITY TASKING:

3.3.1. DEVELOPS/MAINTAINS UNIT TYPE CODE (UTC) LOGISTICS PLAN.

3.3.2. PERFORMS PRE-DEPLOYMENT TASKING:

3.3.2.1. REVIEWS DOCUMENTATION. Reviews Logistic Detail (LOG DET) for accuracy and makes adjustment to Logistics Plan as necessary.

3.3.2.2. PERFORMS INVENTORY. Ensures that vehicle, van, pallet, or box has appropriate contents according to Logistics Plan.

3.3.2.3. PREPARES FOR TRANSPORTATION:

3.3.2.3.1. PREPARES TRUCK FOR DEPLOYMENT.

3.3.2.3.2. PREPARES PALLET FOR DEPLOYMENT.

3.3.3. PERFORMS POST-DEPLOYMENT TASKING:

3.3.3.1. PERFORMS POST-DEPLOYMENT INVENTORY. Ensures that equipment is accounted for, clean, and serviceable.

3.3.3.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

3.3.3.3. REPACKS AND STORES EQUIPMENT.

3.4. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH EQUIPMENT INVENTORY/MAINTENANCE:

3.4.1. PERFORMS CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL) INVENTORY:

3.4.1.1. INVENTORIES EQUIPMENT. Ensures that equipment is accounted for, clean, and serviceable.

3.4.1.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

3.4.2. INVENTORIES MOBILITY SUPPORT EQUIPMENT. Inventories, cleans, and ensures serviceability of tents, cots, etc. Orders replacement item, as required.

3.4.3. PERFORMS MOBILITY KIT MAINTENANCE. Paints, stencils, and cleans mobility kit.

3.4.4. PERFORMS QUARTERLY EQUIPMENT REVIEW (TA-420).

3.5. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH MAINTENANCE FUNCTIONAL CHECK. Receives item from Supply, performs extensive functional check, attaches updated

serviceable tag, and returns item to Supply.

3.6. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH TRADITIONAL GUARDSMAN PROFICIENCY TRAINING:

3.6.1. REVIEWS INDIVIDUAL TRAINING RECORD/JOB PROFICIENCY GUIDE AND DETERMINES TRAINING REQUIREMENT.

3.6.2. ANNOTATES TRAINING RECORD UPON COMPLETION OF TRAINING.

3.6.3. DEVELOPS/REVIEWS TRAINING PLAN.

3.7. PERFORMS SECURE COMMUNICATIONS/ELECTRONIC SWITCH SITE SURVEY. Performs predeployment site survey.

4. SATELLITE COMMUNICATIONS:

4.1. MAINTAINS SATELLITE COMMUNICATIONS EQUIPMENT:

4.1.1. MANAGES SATELLITE SYSTEM. Performs maintenance, inspection, repair, and training of satellite system and associated equipment.

4.1.1.1. INSTALLS SATELLITE SYSTEM. Sets-up equipment and performs an operational check if required.

4.1.1.2. MAINTAINS SATELLITE SYSTEM. Travels to site, performs required maintenance, completes documentation, and returns to work center.

4.1.1.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

4.1.1.2.2. PERFORMS PML. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

4.1.1.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

4.1.1.3. SERVICES SATELLITE SYSTEM. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

4.1.2. MANAGES QUICK REACTION SATELLITE ANTENNA (QRSA). Performs maintenance, inspection, repair, and training of unit and associated equipment.

4.1.2.1. INSTALLS QRSA. Sets-up equipment and performs an operational check if required.

4.1.2.2. MAINTAINS QRSA. Travels to site, performs required maintenance, completes documentation, and returns to work center.

4.1.2.2.1. PERFORMS UNSCHEDULED MAINTENANCE. Troubleshoots and diagnoses malfunction; removes, replaces, and repairs component; conducts operational check and verifies corrective action taken; and corrects other discrepancy as required.

4.1.2.2.2. PERFORMS PMI. Inspects equipment IAW Periodic Inspection Work Card, performs required maintenance, and performs operational check.

4.1.2.2.3. PERFORMS OTHER SCHEDULED MAINTENANCE. Performs modification, Technical Inspection, TCTO, etc.

4.1.2.3. SERVICES QRSA. Performs servicing inspection IAW applicable T.O. and performs minor repair discovered during inspection.

4.2. PERFORMS WIDEBAND RADIO TECHNICAL DATA SUBACCOUNT MAINTENANCE. Receives and posts data and change to file. Maintains file for serviceability.

4.3. MANAGES WIDEBAND RADIO CORROSION CONTROL PROGRAM:

4.3.1. PREPARES UNIT. Prepares unit for repainting and paints unit.

4.3.2. STENCILS UNIT. Stencils and applies decal to unit after painting.

4.3.3. PERFORMS OPERATIONAL CHECK. Conducts operational check of equipment after painting.

4.4. PERFORMS WIDEBAND RADIO MOBILITY TASKING:

4.4.1. DEVELOPS/MAINTAINS UNIT TYPE CODE (UTC) LOGISTICS PLAN.

4.4.2. PERFORMS PRE-DEPLOYMENT TASKING:

4.4.2.1. REVIEWS DOCUMENTATION. Reviews Logistic Detail (LOG DET) for accuracy and makes adjustment to Logistics Plan as necessary.

4.4.2.2. PERFORMS INVENTORY. Ensures that vehicle, van, pallet, or box has appropriate contents according to Logistics Plan.

4.4.2.3. PREPARES FOR TRANSPORTATION:

4.4.2.3.1. PREPARES TRUCK FOR DEPLOYMENT.

4.4.2.3.2. PREPARES PALLET FOR DEPLOYMENT.

4.4.3. PERFORMS POST-DEPLOYMENT TASKING:

4.4.3.1. PERFORMS POST-DEPLOYMENT INVENTORY. Ensures that equipment is accounted for, clean, and serviceable.

4.4.3.2. ORDERS REPLACEMENT ITEM, AS REQUIRED.

4.4.3.3. REPACKS AND STORES EQUIPMENT.

4.5. PERFORMS WIDEBAND RADIO EQUIPMENT INVENTORY/MAINTENANCE:

4.5.1. PERFORMS CUSTODIAN AUTHORIZATION/CUSTODY RECEIPT LISTING (CA/CRL) INVENTORY:

- 4.5.1.1. **INVENTORIES EQUIPMENT.** Ensures that equipment is accounted for, clean, and serviceable.
- 4.5.1.2. **ORDERS REPLACEMENT ITEM, AS REQUIRED.**
- 4.5.2. **INVENTORIES MOBILITY SUPPORT EQUIPMENT.** Inventories, cleans, and ensures serviceability of tents, cots, etc. Orders replacement item, as required.
- 4.5.3. **PERFORMS MOBILITY KIT MAINTENANCE.** Paints, stencils, and cleans mobility kit.
- 4.5.4. **PERFORMS QUARTERLY EQUIPMENT REVIEW (TA-420).**
- 4.6. **PERFORMS WIDEBAND RADIO MAINTENANCE FUNCTIONAL CHECK.** Receives item from Supply, performs extensive functional check, attaches updated serviceable tag, and returns item to Supply.
- 4.7. **PERFORMS WIDEBAND RADIO TRADITIONAL GUARDSMAN PROFICIENCY TRAINING:**
 - 4.7.1. **REVIEWS INDIVIDUAL TRAINING RECORD/JOB PROFICIENCY GUIDE AND DETERMINES TRAINING REQUIREMENT.**
 - 4.7.2. **ANNOTATES TRAINING RECORD UPON COMPLETION OF TRAINING.**
 - 4.7.3. **DEVELOPS/REVIEWS TRAINING PLAN.**
- 4.8. **PERFORMS WIDEBAND RADIO SITE SURVEY.** Performs predeployment site survey.

INDIRECT:

I1. SUPERVISION:

I1.1. ADMINISTERS PERSONNEL:

I1.1.3. RATES PERFORMANCE:

I1.1.3.5. PROVIDES PERFORMANCE FEEDBACK:

I1.1.3.5.1. PREPARES FOR PERFORMANCE FEEDBACK SESSION. Gathers and reviews performance information, schedules feedback session, selects and develops agenda, and prepares performance feedback worksheet.

I1.1.3.5.3. ATTENDS PERFORMANCE FEEDBACK SESSION. Receives performance feedback and discusses performance expectations with supervisor.

I1.1.4. PREPARES SELECTIVE RETENTION PROGRAM CONSIDERATION. Reviews notification letter, researches data, drafts comment, and finalizes consideration.

I1.2. SUPERVISES PERSONNEL:

I1.2.1. SCHEDULES PERSONNEL. Reviews work requirement and priority, reviews personnel status, and prepares duty schedule.

I1.2.2. DEVELOPS STANDARD PUBLICATION OR OTHER DIRECTIVE:

I1.2.2.1. DEVELOPS POLICY LETTER, PROCEDURE, OR OPERATING INSTRUCTION. Researches applicable document, develops draft, coordinates draft, and proofreads and signs final copy.

I1.2.2.2. DEVELOPS PERFORMANCE STANDARD OR CHECKLIST. Researches applicable document, develops draft, coordinates draft, and proofreads and signs final copy.

I1.2.3. DIRECTS WORK CENTER ACTIVITY:

I1.2.3.1. OVERSEES WORK IN PROGRESS. Inspects and reviews subordinate's work.

I1.2.3.2. COORDINATES ON WORK CENTER OR PERSONNEL STATUS. Coordinates with supervisor or other unit or agency on work center or personnel status.

I1.2.3.3. INFORMS WORK CENTER PERSONNEL. Informs work center personnel on change affecting individual, and informs work center personnel on change affecting work center activity.

I1.2.3.3.1. INFORMS WORK CENTER PERSONNEL.

I1.2.3.3.2. INFORMS INDIVIDUAL.

I1.3. REVIEWS/PROCESSES INCOMING DISTRIBUTION. Reviews/processes incoming correspondence for information and necessary action, and marks for routing.

I1.4. REVIEWS/PROCESSES OUTGOING DISTRIBUTION. Reviews/processes outgoing correspondence for completeness and accuracy, and signs.

I1.7. INSPECTS FACILITY. Periodically inspects work center facility for housekeeping, safety, fire hazard, or equipment conditions that require attention and completes necessary documentation.

I1.7.2. INSPECTS WAREHOUSE/MAINTENANCE FACILITY.

I1.8. RECEIVES AND ASSISTS VISITING OFFICIAL. Receives official visitor, assists visitor in accomplishing task, escorts visitor throughout work center, and returns to work area.

I1.9. REVIEWS REPORT AND STATISTICAL DATA. Reviews information contained in report and statistical data for impact on work center status, and to identify possible trends that require management attention.

I2. ADMINISTRATION:

I2.5. MAINTAINS LOG AND REGISTER. Obtains book or form, makes entry, and puts book or form away.

I2.13. ACKNOWLEDGES VISITOR. Greets visitor, answers query, and refers visitor to appropriate person or location.

I2.15. MAINTAINS MICROCOMPUTER SYSTEM. Installs software and hardware, modifies software, deletes outdated file, and backs-up file.

I3. MEETING:

I3.1. PREPARES FOR MEETING. Gathers information, organizes material, prepares chart or slide, and practices presentation.

I3.1.2. PREPARES FOR UNIT MEETING.

I3.2. CONDUCTS OR ATTENDS MEETING. Conducts or attends meeting.

I3.2.2. CONDUCTS OR ATTENDS UNIT MEETING.**I3.2.5. CONDUCTS OR ATTENDS WORK CENTER MEETING.****I4. TRAINING:**

I4.4. RECEIVES TRAINING. Prepares for training, receives instruction, performs procedures, and takes test.

I6. EQUIPMENT MAINTENANCE:**I6.1. MAINTAINS SHOP EQUIPMENT:**

I6.1.1. MAINTAINS MACHINERY. Performs periodic inspection and performs pre-user inspection.

I6.1.1.1. MAINTAINS MACHINERY (NON AIRCRAFT MAINTENANCE FUNCTIONS).

I6.1.2. MAINTAINS TEST EQUIPMENT. Maintains list of equipment requiring PMEL calibration or testing, turns in and picks up equipment from PMEL or PMEL coordinator, prepares letter of justification for peculiar equipment code (PEC) equipment, performs pre-user inspection, and performs periodic inspection.

I6.1.2.1. MAINTAINS TEST EQUIPMENT (NON AIRCRAFT MAINTENANCE FUNCTIONS).

I6.1.3. MAINTAINS CONSOLIDATED TOOL KIT (CTK). Orders new or replacement tool, conducts periodic inventory, and reports missing tool.

I6.1.3.1. MAINTAINS CONSOLIDATED TOOL KIT (CTK) (NON AIRCRAFT MAINTENANCE FUNCTIONS).**I7. CLEAN-UP:**

I7.1. PREPARES WORK AREA. Places tool or equipment in proper location at beginning of duty period, and arranges area to conform with any sanitary, safety, or security requirement.

I7.2. PUTS WORK AWAY. Stores tool or equipment in proper location at the end of the duty period and arranges area to conform with sanitary, safety, or security requirement.

I7.3. CLEANS WORK AREA. Dusts, sweeps, mops, waxes, buffs, washes window, and performs other associated janitorial tasks.

I7.3.2. CLEANS MAINTENANCE OR WAREHOUSE AREA.

STANDARD MANPOWER TABLE										
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE							
C-E Maintenance (Wideband)/FAC 2600C4			81.92 - 217.54							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Satellite and Wideband Communications Equipment Jrnymn/Crftmn	2E1X1	CIV	1	2						
TOTAL			1	2						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										

STANDARD MANPOWER TABLE										
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE							
C-E Maintenance (Gnd Radio)/FAC 2600C4			74.51 - 243.22							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Ground Radio Communications Jrnymn/Crftmn	2E1X3	CIV	1	2						
TOTAL			1	2						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										

STANDARD MANPOWER TABLE										
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE							
C-E Maintenance (See Comm)/FAC 2600C4			122.51 - 372.52							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Electronic Computer and Switching System Jrnymn/Crftmn	2E2X1	CIV	1	2	3					
TOTAL			1	2	3					
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										

STANDARD MANPOWER TABLE										
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE							
C-E Maintenance (Satellite)/FAC 2600C4			71.58 - 165.96							
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
Satellite and Wideband Communications Equipment Jrnymn/Crftmn	2E1X1	CIV	1	2						
TOTAL			1	2						
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT							
TOTAL										

Combat Communications Squadron

UTC/Weighted UTC Listing

**Wideband Radio
Maintenance**

Equip	UTC	WEIGHT
MRT-2	6KLN4	0.31
OA-8112	No UTC	0.21
TRC-170 V2	6KHG1	1.00
TRC-170 V3	6KHH1	1.00
TSC-102	6KJD1	1.50
TSC-129*	6KJR1	0.48
TSQ-146	6KLM4	0.70
TSSR	6KFZ1	0.69

* Maintained by Ground Radio for QRP units (262, 265, 272, and 280).

**Ground Radio
Maintenance**

Equip	UTC	WEIGHT
CCTF	6JCA1	5.00
GRC-171	6KGB1	0.65
GRC-175	6KGH1	0.65
GRC-206(MRC108)	6KGQ1	1.85
MRC-144	6KGN1	1.85
TWADS (THM-3)	6KHB1	2.33
	6KHJ1	2.33
TRC-176	6KGF1	0.35
TRQ-35(TRQ-42)	6KLT1	0.65
TRQ-42(TRQ-35)	6KLR1	0.65
TSC-60 V2/V4	6KFE1	1.93
TSC-60 V3	6KFF1	1.93
TSC-60 V4	6KFM1	1.93
TSC-60 V7	6JC45	1.93
TSC-60 V8 W/OG190	6KFM1	3.00
TSC-60 V9 W/OG190	6KFN1	3.00
TSC-60 V10	NO UTC	2.00
TSC-107	6KAB8	4.00
TSC-122	6JC46	1.75
URC-119	6KFP1	1.00

**Secure Communications/
Electronic Switch**

Equip	UTC	WEIGHT
SB-36146	KCM1	0.65
SB-3865	6KCG1	0.73
TGC-27	6KDF1	1.00
TSQ-111	6KED1	1.58
TTC-39A	6KCJ1	1.92
	6KCH1	1.92
TTC-39	6KQG1	3.00
	6KDQ1	3.00

**Satellite Communications
Maintenance**

Equip	UTC	WEIGHT
TSC-85	6KJS1	1.00
TSC-88	6KJC1	1.50
TSC-93	6KJP1	1.00
	6KJV1	1.00
TSC-94	6KJL1	1.00
	6KJB1	1.00
	6KJN1	1.00
TSC-100	6KJK1	1.50