Air Force Communications Service Maintenance Facility. FAC: 2171

CATCODE: 217742
OPR: AFIMSC/IZC
OCR: N/A

1.1. **Description.** This facility provides space for production and repair, material control, training, technical orders, tool storage, administration, latrines, and a mechanical equipment room.

1.2. **Requirements Determination**. The building provides shop space for the centralized field repair of communications and electronics (C-E) equipment. Obtain additional information through AFIMSC/IZCS and MAJCOMs. (**NOTE:** This CATCODE is not applicable for software integration. Software integration will be covered with **CATCODEs 141761 or 141762**.)

1.3. **Scope Determination.** Each assigned area normally services the same type of C-E equipment, so the assigned components, tools, and test equipment vary only slightly from area to area.

1.3.1. For general fixed communications equipment maintenance, space requirements are based on the number of reparable units processed per month: 600 ft^2 of maintenance bay space and 100 ft^2 of equipment storage is authorized for every 50 non-preventative maintenance work orders per month. For each additional 100 non-preventative maintenance work orders, 120 ft^2 of maintenance bay space is authorized.

1.3.2. For Remote Piloted Aircraft (RPA) communications equipment maintenance, space is authorized for facilities that regularly maintain Ground Control Stations (GCS) and Fixed Site Satellite Terminals (FSST) each month. GCS and FSST maintenance space is authorized at 1,500 ft^2 for the first terminal, and 500 ft^2 for each additional terminal.

1.3.3. For communications equipment maintenance not meeting the criteria in paragraphs 1.3.1 or 1.3.2 above, space authorization shall require user justification.

1.4. **Design Considerations.** C-E maintenance facilities comply with local, state, and federal requirements and other guidance as defined in AFMAN 32-1084 Chapter 1 in respect to air emissions, as required by AFI 32-7040.