

# ELECTRICIAN'S MATES



*Electrician's Mate (EM).* The electrician's mate serves on all types of ships and at bases. He or she installs, maintains, and repairs generators, electric motors, searchlights, yardarm blinkers, and the general lighting and power distribution system employed aboard ship. He or she locates and repairs defects in wiring; he or she uses electrician's hand tools and electrical measuring instruments, and performs soldering and brazing operations. In addition to maintenance and repair duties, he or she may stand an engineroom watch, being at such time responsible for the proper operation of all electrical equipment and control panels.

