

TECHNICAL DATA SHEET

COGNIZANT SERVICE: U.S.A.
FEDERAL STOCK NUMBER:

ITEM NUMBER: Electrical Test Set & Load Bank
MODEL NUMBER: A427A
FUNCTIONAL CLASSIFICATION:

STATUS OR TYPE CLASSIFICATION:

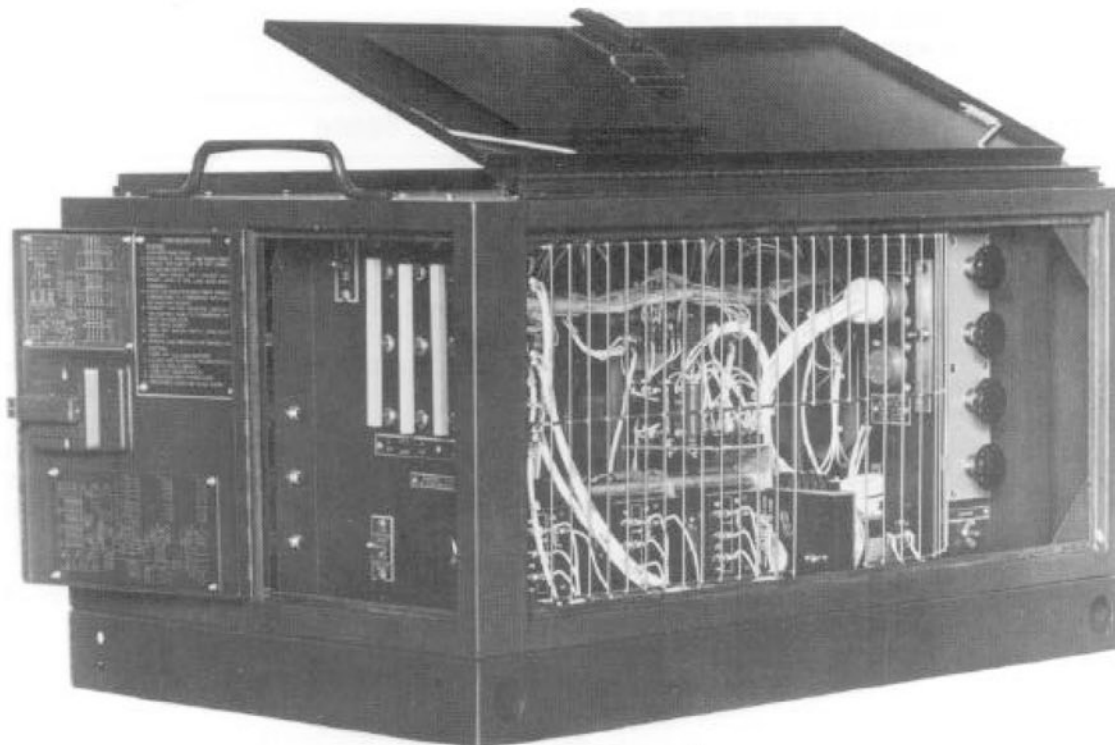
U.S.A.

U.S.N.

U.S.A.F.

U.S.M.C.

MANUFACTURERS NAME AND CODE: Essex Electro Engineers, Inc.



OVERALL DIMENSIONS AND WEIGHT:

Length: 36 inches Width: 23 inches Height: 20 inches Weight: 256 pounds

FUNCTIONAL DESCRIPTION:

The Essex Electro Engineers, Inc. Model #A427A, Electrical Test Set and Load Bank, is a portable, skid mounted resistive load unit. The Model A427A operates as a loading and testing device for electrical generating equipment. The load bank is designed to test the output characteristics of generating plants rated at 120/208 and 240/416 volts, three phase, 4 wire; 120 or 240 volts, single phase, 2 wire. The load bank can operate at frequencies between 50 and 1000 cycles per seconds. The model A427A is a completely self-contained unit mounted within a weather resistant

enclosure. It is designed to apply various combinations of the resistive load increments to simulate any output load. Input power terminals are supplied for connection of power cables. Power cables are not supplied with the equipment. The load bank can apply 0.5 to 3 kilowatts variable load and 3, 6, 9, and 12 KW fixed loads. When fixed and variable loads are applied in combination, the load bank can supply any load from 0.5 to 33 kilowatts on either single or balanced three phase operation.

