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| STATUS: Standard                          | <b>AN/FGC-12</b>   |
| CLASSIFICATION OF EQUIPMENT: Unclassified |                    |
| USING SERVICE: Navy                       |                    |
| DATE OF THIS SHEET: 9 Jun 52              |                    |
|   | TELETYPEWRITER SET |



Teletypewriter Set AN/FGC-12 is fixed-plant or shore-based teletypewriter station equipment which can be used for communication with two or more stations and in teletypewriter relay, monitoring, and torn-tape switching applications. It has a standard communication keyboard and type pallets with English characters. This equipment transmits directly to the line from the manually operated keyboard, with or without simultaneous production of typed and perforated paper tape. Reception also is in the form of typed and perforated tape, automatically produced by the typing unit. Such tape can be fed to the transmitter-distributor for automatic transmission to the line.

It has a holding magnet, a polar-neutral switch, an end-of-line indicator, and a line circuit radio noise filter.

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| <b>AN/FGC-12</b>   | INSTRUCTION LITERATURE: Teletype Corp Bulletin 11, D4-1 |
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**MAJOR COMPONENTS**

| QUANT | NAME OF COMPONENT                         | DIMENSIONS (IN) INSTALLED | WEIGHT (LBS)  |
|-------|---|---------------------------|---------------|
| 1     | Typing Unit Teletype Corp Model FPR23H246 | Not Available             | Not Available |
| 1     | Keyboard Teletype Corp Model FK110LD 15   | " "                       | " "           |
| 1     | Transmitter-Distributor TT-57/FG          | " "                       | " "           |
| 1     | Rectifier Teletype Corp Model REC-10      | 8 x 11-7/8 x 6-3/4        | " "           |

**OPERATIONAL CHARACTERISTICS**

**TACTICAL USE:** Shore stations.

**INSTALLATION:** Ground, fixed.

**CAN COMMUNICATE WITH:** Any 5 unit code teletypewriter equipment geared for 368 opm.

**TECHNICAL CHARACTERISTICS**

**OPERATING FUNCTIONS:** Keyboard operation and automatic transmission to line circuits from perforated tape.

**OPERATING SPEED:** 368 opm, 7.42 unit code.

**MOTOR CHARACTERISTICS:** Synchronous motors 1,800 rpm, 115 v, 60 cyc, 1 phase.

**POWER REQUIREMENTS:** 230 w, 115 v, 60 cyc, 1 phase.

**PHYSICAL CHARACTERISTICS**

Teletypewriter Set AN/FGC-12 measures 36-3/4 x 27 x 21-5/16 inches, net weight 164 pounds, volume 12.3 cu ft. Packed for domestic shipment: total weight 242 pounds.