

ARMY TM 11-5815-206-12
AIR FORCE TO 31W4-2PGC1-61

OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL
FOR

TELETYPEWRITER SETS AN/PGC-1 AND AN/PGC-3
AND TELETYPEWRITERS TT-4A/TG, TT-4B/TG,
TT-4C/TG, TT-335/TG, TT-537/G, TT-698/TG,
TT-698A/TG, TT-698B/TG, TT-722/TG AND TT-722A/TG

This copy is a reprint which includes current
pages from Changes 1 and 2. Title was
changed by Change 1 as shown above.

DEPARTMENTS OF THE ARMY AND THE AIR FORCE
28 MAY 1976

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DEPARTMENT OF THE ARMY
AND THE AIR FORCE
WASHINGTON, D.C., 28 May 1976

**OPERATOR'S AND ORGANIZATIONAL
MAINTENANCE MANUAL FOR
TELETYPEWRITER SETS AN/PGC-1 (NSN 5815-00-198-5963) AND
AN/PGC-3 (NSN 5815-01-012-8773) AND TELETYPEWRITERS
TT-4A/TG, TT-4B/TG, TT-4C/TG (NSN 5815-00-198-4438),
TT-335/TG (NSN 5815-00-878-8449), TT-537/G (NSN 5815-00-926-7378),
TT-698/TG, TT-698A/TG, TT-698B-TG (NSN 5815-01-008-9628),
TT-722/TG AND TT-722A/TG (NSN 5815-01-017-9172)**

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*This manual supersedes TM 11-5815-206-12,8 April 1959, including all changes, and TM 11-5815 -206ESC dated 16 Feb 70.

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Figure 1-1. Teletypewriter Set AN/PGC-1. in use.

CHAPTER 1
INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes Teletypewriter Sets AN/PGC-1 (fig. 1-1) and AN/PGC-3, Teletypewriters TT-4A/TG, TT-4B/TG, TT-4C/TG, TT-537/G, TT-698/TG, TT-698A/TG, TT-698B/TG, TT-722/TG and TT-722A/TG.

It contains instructions for installation, operation and organizational maintenance. The maintenance portion covers the cleaning and inspection of equipment, periodic maintenance service, and the replacement of parts available to organizational personnel.

b. Official nomenclature followed by (*) is used to indicate all models of the equipment item covered in this manual. Thus, Teletypewriter TT-4(*)/TG represents Teletypewriters TT-4A/TG, TT-4B/TG, and TT-4C/TG. Case CY-694(*)/PGC-1 represents CY-694/PGC-1, and CY-694A/PGC-1. Similarly, Teletypewriter TT-698(*)/TG represents Teletypewriter TT-698/TG, TT-698A/TG, and TT-698B/TG. Teletypewriter TT-722(*)/TG represents Teletypewriter TT-722/TG and TT-722A/TG.

c. Teletypewriters modified for low level signaling operation have nomenclature changes as follows:

High-level signaling		Low-level signaling
TT-4A/FG	becomes the	TT-698/TG
TT-4B/FG	becomes the	TT-698A/TG
TT-4C/FG	becomes the	TT-698B/TG

(1) High-level teletypewriters operate with line currents of 20 or 60 milliamperes.

(2) Low-level teletypewriters operate with line currents of 100 microampere or less.

d. The maintenance allocation chart appears in appendix C and is current as of 3 September 1976.

1-2. Consolidated Index of Army Publications and Blank Forms

Refer to the latest issue of DA Pam 310-1 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

1-3. Maintenance Forms, Records, and Reports

a. *Reports of Maintenance and Unsatisfactory Equipment.* Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System. Air Force personnel will use AFR 66-1 for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.

b. *Report of Packaging and Handling Deficiencies.* Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73A/AFR 400-54/MCO 4430.3F.

c. *Discrepancy in Shipment Report (DISREP) (SF 361).* Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33C/AFR 75-18/MCO P4610.19D/DLAR 4500.15.

1-4. Reporting Errors and Recommending Improvements

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

In either case, a reply will be furnished direct to you.

1-4.1 Reporting Equipment Improvement Recommendations (EIR)

a. *Army.* If your Teletypewriter Set needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what