

TM 11-5815-200-12

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL

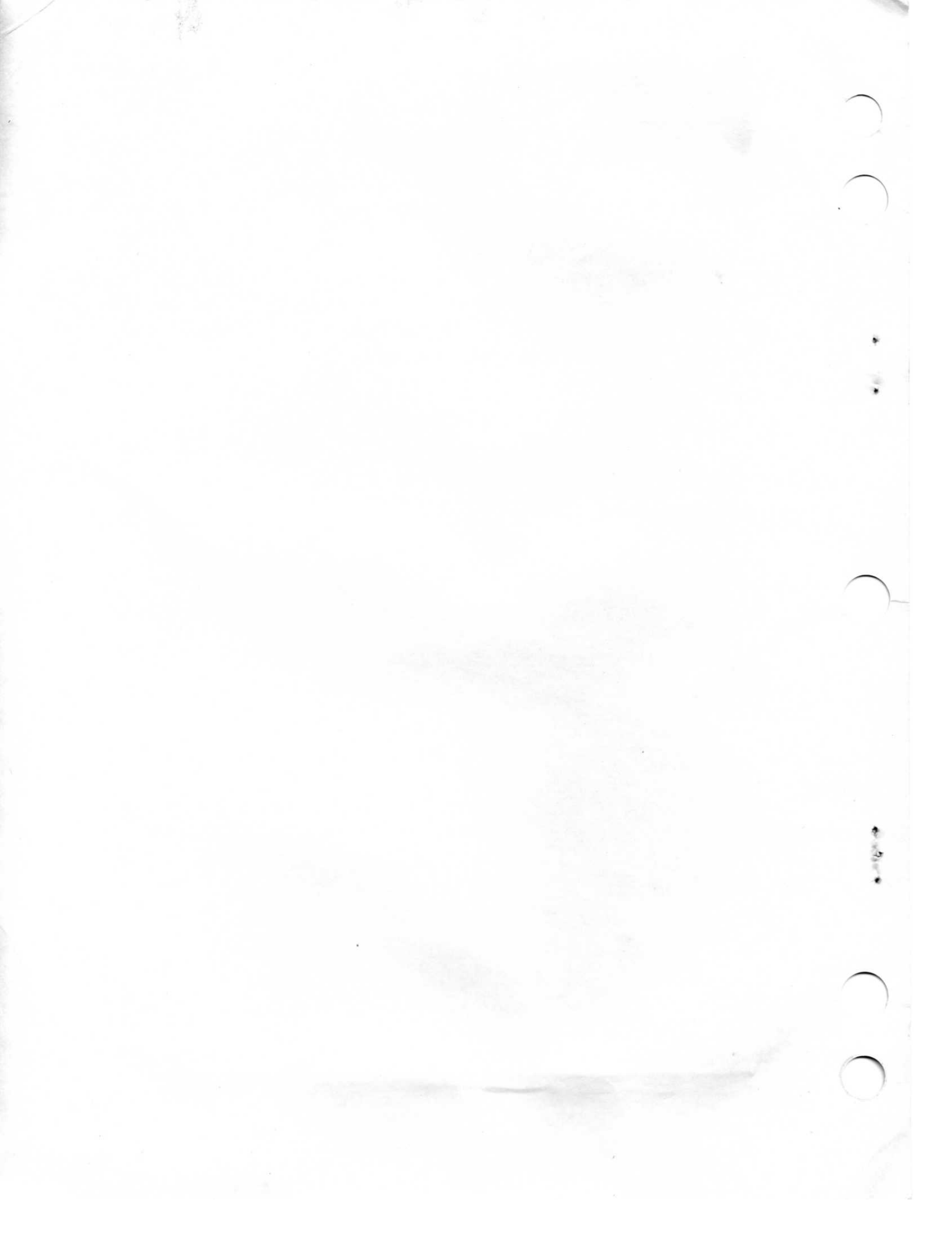
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST

TELETYPEWRITER SETS

AN/FGC-20, AN/FGC-20X, AN/FGC-21, AN/FGC-66,
AN/FGC-159, AN/FGC-159X, AN/FGC-160, AN/FGC-177,
AN/UGC-4, AN/UGC-29, AN/UGC-29X, AND TELEPRINTER
TT-259/FG

This copy is a reprint which includes current pages from Changes 1 through 4. Title was changed by Change 4 as shown above.

HEADQUARTERS, DEPARTMENT OF THE ARMY
FEBRUARY 1966



WARNING

This equipment contains selenium rectifiers which immediately release poisonous fumes when they burn out. The fumes are very toxic and have a strong, unpleasant odor resembling the smell of rotten eggs. Whenever this odor is detected, IMMEDIATELY disconnect power and thoroughly ventilate the area. Do not handle the burned-out rectifier until it cools. PERMANENT INJURY OR DEATH MAY RESULT FROM PROLONGED BREATHING OF THE FUMES.

WARNING

DANGEROUS VOLTAGES EXIST IN THIS EQUIPMENT

Be careful when replacing paper. The power supply contains 95- to 250-volt circuits. Serious injury or death may result from contact with these circuits.

DON'T TAKE CHANCES

WARNING

This equipment contains selenium resistors which immediately release poisonous fumes when they burn out. The fumes are very toxic and have a strong pungent odor. If you inhale the fumes, you may experience dizziness, nausea, and a burning sensation in the eyes. Whenever this odor is detected, IMMEDIATELY leave the area and thoroughly ventilate the area. Do not handle the fumes. Do not breathe the fumes. PERMANENT INJURY OR DEATH MAY RESULT FROM BREATHING THE FUMES.

WARNING

DANGEROUS VOLTAGES EXIST IN THIS EQUIPMENT

Be careful when replacing paper. The power supply contains up to 250 volt AC. Injury or death may result from contact with these circuits.

DON'T TAKE CHANCES

FORM 11-5515-200-12

TECHNICAL MANUAL
No. 11-5815-200-12
TECHNICAL ORDER
No. 31W4-2FGC20-31

DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
WASHINGTON, DC, 14 February 1966

OPERATOR'S AND ORGANIZATIONAL MAINTENANCE MANUAL

TELETYPEWRITER SETS

AN/FGC-20 (NSN 5815-00-503-2652), AN/FGC-20X (NSN 5815-00-392-7743), AN/FGC-21 (NSN 5815-00-503-2653), AN/FGC-66 (NSN 5815-00-817-9277), AN/FGC-159 AND AN/FGC-159X (NSN 5815-00-561-7964), AN/FGC-160 (NSN 5815-00-025-9036), AN/FGC-177 (NSN 5815-01-017-3780), AN/UGC-4 (NSN 5815-00-557-5970), AN/UGC-29 (NSN 5815-00-082-4199), AN/UGC-29X (NSN 5815-00-082-4200); AND TELEPRINTER TT-259/FG (NSN 5815-00-688-8761)

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NOTE

All references to Teletypewriter Set AN/FGC-64, AN/FGC-67, and AN/FGC-67X in this manual are deleted. The AN/FGC-64 has been classified as obsolete. The AN/FGC-67 and AN/FGC-67X were never type classified in the US Army inventory.

*This manual supersedes TM 11-5815-200-10, 8 July 1958, including C 1, 4 February 1960, C 2, 3 October 1960, C 3, 14 November 1960, C 4, 11 September 1961, C 6, 1 July 1963; TM 11-5815-200-20P, 15 November 1961; and together with TM 11-5815-200-35, 14 February 1966, supersedes TM 11-5815-200-35, 30 June 1959, including C 1, 11 May 1960, C 2, 30 March 1961, C 3, 18 September 1961, C 4, 5 June 1963, and C 5, 15 January 1964.

DEPARTMENT OF THE ARMY
AND THE AIR FORCE
Washington, DC, 20315

TECHNICAL MANUAL
No. 1-15-50-12
The following orders
No. 1-2500-31

OPERATORS AND ORGANIZATION MAINTENANCE MANUAL

TELETYPEWRITER, TTS

- ANFGC-20 (NSN 5815-00-503-2022), ANFGC-20X (NSN 5815-00-392-7343), ANFGC-21 (NSN 5815-00-503-2023), ANFGC-22 (NSN 5815-00-817-9277), ANFGC-23 (NSN 5815-00-561-7964), ANFGC-24 (NSN 5815-00-523-9036), ANFGC-25 (NSN 5815-01-073-3780), ANFGC-4 (NSN 5815-00-523-2970), ANFGC-29 (NSN 5815-00-082-4199), ANFGC-29X (NSN 5815-00-082-4200), AND TELEPRINTER TT-250FG (NSN 5815-00-688-8761)

1-1-1	1-1-1	1-1-1	1-1-1
1-1-2	1-1-2	1-1-2	1-1-2
1-1-3	1-1-3	1-1-3	1-1-3
1-1-4	1-1-4	1-1-4	1-1-4
1-1-5	1-1-5	1-1-5	1-1-5
1-1-6	1-1-6	1-1-6	1-1-6
1-1-7	1-1-7	1-1-7	1-1-7
1-1-8	1-1-8	1-1-8	1-1-8
1-1-9	1-1-9	1-1-9	1-1-9
1-1-10	1-1-10	1-1-10	1-1-10
1-1-11	1-1-11	1-1-11	1-1-11
1-1-12	1-1-12	1-1-12	1-1-12
1-1-13	1-1-13	1-1-13	1-1-13
1-1-14	1-1-14	1-1-14	1-1-14
1-1-15	1-1-15	1-1-15	1-1-15
1-1-16	1-1-16	1-1-16	1-1-16
1-1-17	1-1-17	1-1-17	1-1-17
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1-1-19	1-1-19	1-1-19	1-1-19
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1-1-24	1-1-24	1-1-24	1-1-24
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1-1-26	1-1-26	1-1-26	1-1-26
1-1-27	1-1-27	1-1-27	1-1-27
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1-1-30	1-1-30	1-1-30	1-1-30
1-1-31	1-1-31	1-1-31	1-1-31
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1-1-35	1-1-35	1-1-35	1-1-35
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1-1-38	1-1-38	1-1-38	1-1-38
1-1-39	1-1-39	1-1-39	1-1-39
1-1-40	1-1-40	1-1-40	1-1-40
1-1-41	1-1-41	1-1-41	1-1-41
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1-1-54	1-1-54	1-1-54	1-1-54
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1-1-69	1-1-69	1-1-69	1-1-69
1-1-70	1-1-70	1-1-70	1-1-70
1-1-71	1-1-71	1-1-71	1-1-71
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1-1-75	1-1-75	1-1-75	1-1-75
1-1-76	1-1-76	1-1-76	1-1-76
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1-1-80	1-1-80	1-1-80	1-1-80
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1-1-85	1-1-85	1-1-85	1-1-85
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1-1-99	1-1-99	1-1-99	1-1-99
1-1-100	1-1-100	1-1-100	1-1-100

NOTE

All references to TTY in this manual are deleted. The ANFGC-81 has been replaced by ANFGC-81X. The ANFGC-81 and ANFGC-81X were never type classified in this manual.

Approved for release by NSA on 05-08-2014 pursuant to E.O. 13526



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Figure 1-1. Teletypewriter Set AN/FGC-20, less running spares and technical manuals.

