T.O. 31R1-2GRA98-01

TECHNICAL MANUAL LIST OF APPLICABLE PUBLICATIONS

FACILITY APPLICATION FRD-10A COMMUNICATIONS CONTROL GROUP

AN/GRA-98

(ITT FEDERAL LABORATORIES)

AF19(628)-5698

Distribution - Authorized to U.S. Government agencies and their contractors only for administrative and operational use. Other requests for this document shall be referred to SA-ALC/TILT, Kelly AFB, TX 78241-5000.

Handling Destruction Notice - For unclassifed, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE

Reproduction for non-military use of the information or illustrations contained in this publication is not permitted without specific approval of the issuing service. The policy for use of Classified Publications is established for the Air Force in AFR 205-1.

LIST OF EFFECTIVE PAGES

INSERT LATEST CHANGED PAGES, DESTROY SUPERSEDED PAGES.

NOTE: The portion of the text affected by the changes is indicated by a vertical line in the outer margins of the page.

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 12 CONSISTING OF THE FOLLOWING:

Page No.	Issue
Title	. Original
A	
i thru ii	
1-1	. Original
1-2 Blank	. Original
2-1 thru 2-3	. Original
2-4 Blank	. Original
1	. Original
2 Blank	. Original

* The asterisk indicates pages changed, added, or deleted by the current change.

ADDITIONAL COPIES OF THIS PUBLICATION MAY BE OBTAINED AS FOLLOWS:

USAF ACTIVITIES.-In accordance with T.O. 00-5-2.

TABLE OF CONTENTS

Section	Page
INTRODUCTION	ii
Facility AN/FRD-10A	1-1
AGE	2-1
Index of Facilities	1/2

INTRODUCTION

This technical manual lists the technical manuals and supporting publications essential to the operation and maintenance of Communication Control Group AN/GRA-98. The purpose of this list of applicable publications (LOAP) is to enable personnel to select and requisition publications pertinent to the countermeasures receiving set and to eliminate the need for compilation of similar data by individual activities.

This manual contains a List of Publications and an Index of Facilities. The List of Publications is a listing of technical manuals and supporting commercial publications. Equipments within the facility are listed in alphanumerical order. The publication number for each manual appears adjacent to the entry for the site, facility, or equipment. The publication type is directly adjacent to its publication number. Missing publication dates will be supplied when available. At the end of the equipment listing for the facilities is a heading entitled "Supporting Publications". Under this heading, nonstandard aerospace ground equipment (AGE), standard AGE, and supporting technical manuals applicable to the facility and its associated equipments are listed in alphanumerical order. The Index of Facilities is a listing of the facility code numbers

and the numbers of the pages on which information related to the facilities appears.

The following publications were used in preparation of this technical manual:

MIL-HDBK-300, Technical Information File of Aerospace Ground Equipment, Air Force

MIL-STD-196, Type Designation System, Joint Electronics

MIL-T-9941, Technical Manual: Ground C-E Equipment, General Requirements for Preparation of

T.O. 0-1-31, Numerical Index of Technical Publications, Ground Electrical and Electronic Equipment Publications

T.O. 0-1-33, Technical Publications Test Equipment Publications, Numerical Index of

T.O. 0-1-35, Air and Missile Base Operating Equipment Publications, Ground Handling Support

T.O. 33K-1-01, Calibration Procedures, List of Applicable Publications

LIST OF APPLICABLE PUBLICATIONS

COMMUNICATIONS CONTROL GROUP AN/GRA-98

(FACILITY APPLICATION AN/FRD-10A)

Communications Control Group AN/GRA-98		T.O. 31R1-2GRA98-01 LOAP T.O. 31R1-2GRA98-2 Service T.O. 31R1-2GRA98-3 Circuit Diagrams		1 OCT 67 1 OCT 67 1 OCT 67	
SITE CODE NUMBER	FACILITY CODE NUMBER	EQUIPMENT NOMENCLATURE	PUBLICATION NUMBER	PUBLICATION TITLE	PUBLICATION DATE
		AN/FRR-68 Radio Receiving Set	31R2-2FRR68-2 31R2-2FRR68-3 31R2-2FRR68-4 31R2-2FRR68-6WC-1	Service Circuit Diagrams IPB Preventive Maintenance	1 JAN 66 1 JAN 66 1 JAN 66 1 JAN 66
		C-7331/GRA Con- trol Indicator - Bearing Readout Interface Unit	T.O. 31R1-2GRA-102	Service, Circuit Diagrams, and IPB	1 OCT 67
			T.O. 31R1-2GRA- 106WC-1	Preventive Maintenance	1 OCT 67
		AN/FRD-10A	Navships 94795		
		Printed Circuit Boards	T. O. 31S6-2FLR9-2-4	Repair Manual	

	,	
:		
1		
6 61)		

SITE CODE NUMBER	FACILITY CODE NUMBER	EQUIPMENT NOMENCLATURE	PUBLICATION NUMBER	PUBLICATION TITLE	PUBLICATION DATE
AGE	Supporting Publications	AN/FLM-10 Indicator Test Set	33A1-10-63-1	Operation and Maintenance	30 JAN 64
		AN/FLM-11 Electronic Circuit Plug-In Unit Test Set	33A1-13-228-1	Operation and Maintenance	30 JAN 64
		AN/FLM-22 Electronic Circuit Plug-In Unit Test Set	33A1-5-174-1	Operation and Maintenance	30 JAN 64
•		AN/FLM-23 Signal Data Converter-Storer Test Set	33A1-3-232-1	Operation and Maintenance	30 JAN 64
		AN/PSM-6	33A1-12-2-1	Operation	1 AUG 62
		Multimeter	33A1-12-2-2	Service	25 SEP 61 25 SEP 61
			33A1-12-2-4	IPB	25 MAY 61
			33A1-12-2-14	Spare Parts List	29 MIVI OT
		AN/URM-90 Capacitance-	33A1-6-32-1	Operation and Service	25 APR 56 (Chg 28 DEC 61)
		Inductance Resistance Test Set	33A1-6-32-14	Field and Depot Mainte- nance Repair Parts	11 SEP 59

SITE CODE NUMBER	FACILITY CODE NUMBER	EQUIPMENT NOMENCLATURE	PUBLICATION NUMBER	PUBLICATION TITLE	PUBLICATION DATE
AGE	Supporting Publications	AN/URM-127	33A1-8-176-1	Operating (Republic Electronics)	1 NOV 64
(CONT)	Publications	Audio Signal Generator	33A1-8-176-2	Service (Republic Electronics)	1 NOV 64
			33A1-8-176-4	IPB (Republic Electronics)	1 NOV 64
			33A1-8-176-11	Operating (Burton Manufacturing)	1 NOV 64
			33A1-8-176-12	Service (Burton Manufacturing)	1 NOV 64
			33A1-8-176-14	IPB (Burton Manufacturing)	1 NOV 64
		CA Oscilloscope Plug-In Unit Tektronix	33A1-13-116-1	Instruction and Parts Breakdown	Not Dated
		K33-999 Consisting of: 524C, 524A, 526B Frequency Counter Hewlett-Packard	33A1-5-91-1 33DA27-5-1 33A1-12-299-1	Operation and Service Operation and Service Operation and Service	24 FEB 61 18 JAN 61 4 MAY 61
		L Oscilloscope Plug-In Unit Tektronix	33A1-13-120-1	Instruction and Parts Breakdown	Not Dated
		PP-3929/FLR-9(V) Power Supply	31S6-2FLR9-72 31S6-2FLR9-76WC-1	Service Preventive Maintenance	1 JAN 66 1 JAN 66
		PP-3929A/FLR-9(V) Power Supply	31S6-2FLR9-172 31S6-2FLR9-176WC-1	Service Preventive Maintenance	1 OCT 67 1 OCT 67
Å		PP-3931/FLR-9(V) Power Supply	31S6-2F1R9-82 31S6-2 -86WC-1	Service Preventive Maintenance	1 JAN 66 1 JAN 66

LIST OF APPLICABLE PUBLICATIONS (Continued)

SITE CODE NUMBER	FACILITY CODE NUMBER	EQUIPMENT NOMENCLATURE	PUBLICATION NUMBER	PUBLICATIONTITLE	PUBLICATION DATE	
AGE (CONT)	Supporting Publications	PP-3931A/FLR-9(v) Power Supply	31S6-2FLR9-182 31S6-2FLR9-186WC-1	Service Preventive Maintenance	1 OCT 67 1 OCT 67	
		91CA RF Voltmeter Boonton Electronics	33A1-12-254 - 11	Instruction and Parts Breakdown	19 JUN 64	
		211A Square Wave Generator Hewlett-Packard	33A1-8-224-1	Operation and Instruction	Not Dated	T. (
		320 AC Voltmeter Ballantine	33A1-12-391-1	Operation and Service	110L Datea	0. 31R1
		484A Digital Voltmeter Non-Linear Systems	NONE	Instruction Manual (COML)	Not Dated	31R1_2GRA98-01
		545A Oscilloscope	33A1-13-73-1	Instruction and Parts Breakdown		3-01
		Tektronix	33A1-13-76-1	Instruction and Parts Breakdown	24 JAN 61 (Chg 15 APR 64)	
		606A RF Signal Generator Hewlett-Packard	33A1-8-191-1	Operation and Service	17 FEB 61	
		640 - 73 Attenuator Daven	A15 (Catalog No.)	Data Sheet (Page 30)	Not Dated	
		801 DC Differential Voltmeter John Fluke	33A1-12-245-1	Instruction and Parts Breakdown	1 DEC 60	LOAP
		3450D Pulse Generator Electro Pulse	33A1-8-190-1	Instruction and Parts Breakdown	21 MAR 61	۱P

INDEX OF FACILITIES

Facility	Page
FRD-10A	1-1