

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
SELECTED ITEMS OF SECONDARY TRANSFER STANDARDS CALIBRATION SET
AN/GSM-259 (NSN 4931-01-019-1829)**

Current as of 19 August 1976

**Headquarters, Department of the Army, Washington, DC
30 September 1976**

REPORTING OF ERRORS

You can improve this manual by recommending improvements, using DA Form 2028 (Recommended Changes to Publications and Blank Forms) and mail the form direct to Commander, US Army Missile Command, ATTN: DRSMI-MFM, Redstone Arsenal, AL 35809. A reply will be furnished direct to you.

SECTION		Page
I.	INTRODUCTION	1-1
II.	REPAIR PARTS LIST	2-1
	FUNCTIONAL	
	GROUP GROUP TITLE MODEL NO. PART NO.	
	1340 Decade Resistor 204C 7907234	
	1370 Variable Power Transformer W10MT3AS3 7910809	
	1550 Multimeter 260-6 -	
	2012 Variable Attenuator 355C 7910807	
	2014 Ratio Transformer RB503-10 MIS 10232	
	2015 Spectrum Analyzer R491 MIS 10218	
	2050 Attenuator Test Set 350D 7904453	
	2300 Power Supply CS36CR30D2 7907346-2	
	2360 Resistance Standard 71-631 7910328	
	2370 Standard Resistor CR1000M 8579478	
	2860 Capacitance SS32 7907233	
	6600 Capacitance-Inductance Resistance Bridge 250DER -	
	6602 Electron Plug-In Unit 5253B -	
	6616 Power Supply HB525M20480 -	
	6648 Radio Frequency Detector 423A Negative 7923182-2	
	6655 Crystal Detector X424A Option <i>f12</i> -	
	6656 Meter Power Calibrator 8477A -	
III.	NATIONAL STOCK NUMBER AND PART NUMBER INDEX	3-1

Section I. INTRODUCTION

1. Scope

This manual lists repair parts that are required for maintenance of Selected Items of Secondary Transfer Standards Calibration Set AN/GSM-259 (NSN 4931-01-019-1829)¹ and is applicable to Army area calibration teams (AACT's).

NOTE

Throughout this manual, DS is used to indicate AACT.

2. General

This manual is divided as follows:

a. Section I. Introduction.

b. Section II. Repair Parts List. A list, in alphabetical sequence, of repair parts authorized for the performance of maintenance at the AACT support level.

c. Section III. National Stock Number and Part Number Index. A list in ascending numerical sequence, of all National stock numbers (NSN's) appearing in the repair parts list, followed by a list of all part numbers in alpha-numeric sequence appearing in the list. The NSN's and part numbers are cross-referenced

to a figure number and item number in column 1.

NOTE

The figure and item number columns represent cross-reference numbers, since illustrations are not included in this manual.

3. Explanation of Columns

Refer to section I of TM 9-4931-700-34P for explanation of columns (para 3), special information (para 4, except for subparagraph 40 which is not applicable to this manual), and abbreviations (para 6).

4. How to Locate Repair Parts

When NSN or part number is unknown, use the repair parts listing and locate the item by description. When National stock number or part number is known, use the list of NSN's or the part numbers and locate the cross-referenced figure and item number. Locate the cross-referenced figure and item number under column 1 of the repair parts list for the complete description of the repair part.

¹Not fielded as of the date of this manual.

Section II. REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 1340 RESISTOR, DECADE 204C 12697 7907234 18876 Mainframe Assembly Consisting of		
70	3	PAFZZ	5310-00-934-9763	MS35649-265	96906	NUT, PLAIN, HEXAGON HAZ	EA	6
70	5	PAFZZ	5310-00-934-9758	MS35649-202	96906	NUT, PLAIN, HEXAGON S,CD-PLTD W/CHROMATE FIN.,NO. 10-24UNC-2B, 0.375 W ACROSS FLATS, 0.13 H HAZ	EA	30
70	7	PAFZZ	5943-00-044-1583	PB01FA02	81349	POST, BINDING, ELECTRICAL PLASTIC CAP,PLASTIC BASE, 0.5 DIA, 1.035 H OF POST ABOVE MTG SURFACE HAZ	EA	2
70	9	PAFZZ	5940-00-842-6483	PB01FA01	81349	POST, BINDING, ELECTRICAL 1/2 DIA, 1.035 H OF POST ABOVE MTG SURFACE HAZ	EA	2
70	11	PAFZZ	4931-00-454-9905	A868C0060	66150	RESISTOR ASSEMBLY SWITCH HAZ	EA	1
70	13	PAFZZ	5905-00-473-2666	V30910012	66150	RESISTOR, FIXED, WIRE WOUND HAZ	EA	2
70	15	PAFZZ	5905-00-473-2667	V30910014	66150	RESISTOR, FIXED, WIRE WOUND HAZ	EA	2
70	17	PAFZZ	5905-00-435-4636	V30920001	66150	RESISTOR, FIXED, WIRE WOUND HAZ	EA	1
70	19	PAFZZ	5305-00-638-0502	MS35214-28	96906	SCREW, MACHINE CROSS-RECESS-PAN-HD, BR, BLACK OXIDE FIN., NO. 6-32UNC-2A X 5/8 HAZ	EA	4
70	21	PAFZZ	5305-00-719-5342	MS51963-34	96906	SETSCREW HEX SOCKET, CUP-PT, ALLOY-S, CD-PLTD FIN., NO. 8-32UNC-3A X 3/16 LG HAZ	EA	35
70	23	PAFZZ	5930-00-754-8138	9128791	18876	SWITCH, ROTARY 3 SEC, 12 POSITIONS, 3 POLE, 11 THROWS, BR CONTACTS, CERAMIC INSULATION, NONSHORTING, 1-5/16 W, 1-1/2 H, 1-9/16 LG HAZ	EA	6
70	25	PAFZZ	5310-00-194-0634	8168222	18876	WASHER, FLAT BR, TIN OR SIL-PLTD FIN., 0.149 ID, 0.375 OD, 0.032 THK HAZ	EA	6
70	27	PAFZZ	5310-00-596-7691	MS35335-32	96906	WASHER, LOCK EXT-TEETH, S, CD-PLTD W/CHROMATE FIN., 0.204 ID, 0.41 OD, 0.025 THK HAZ	EA	60
70	29	PAFZZ	5310-00-274-8710	12Z22PC849	10001	WASHER, LOCK SPLIT, S, ZN-PLTD FIN., 0.205 ID, 0.337 OD, 0.0536 THK HAZ	EA	30
						GROUP 1370 TRANSFORMER, VARIABLE POWER W10MT3AS3 24655 7910809 18876 MAINFRAME ASSEMBLY CONSISTING OF		
30	3	PAFZZ	5995-00-848-8057	9995540	18876	CABLE ASSEMBLY, SPECIAL PURPOSE, ELECTRICAL HBC	EA	1
30	5	PAFZZ	5340-00-776-8809	MS21333-5	96906	CLAMP, LOOP HBC	EA	1