

TECHNICAL MANUAL

AVIATION INTERMEDIATE  
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND  
SPECIAL TOOLS LIST)

ADVANCED FLIGHT CONTROL SYSTEM (AFCS)  
BENCH TEST SET  
NSN 4920-01-121-0602

This manual supersedes TM 55-4920-430-30P, 23 December 1983.

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HEADQUARTERS, DEPARTMENT OF THE ARMY

5 AUGUST 1987

CHANGE }  
 No. 1 }

HEADQUARTERS  
 DEPARTMENT OF THE ARMY  
 WASHINGTON, D.C., 29 September 1989

AVIATION INTERMEDIATE  
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FOR

ADVANCED FLIGHT CONTROL SYSTEM (AFCS)  
 BENCH TEST SET  
 NSN 4920-01-121-0602

TM 55-4920-430-30P, 5 August 1987, is changed as follows:

1. Remove and insert pages as indicated below. New or changed text material is indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

1-1 and Fig., 2  
 Fig. 4, 2 of 5 and 2 of 6  
 4-1 and 4-2  
 4-3 and BULK-1  
 I-1 and I-2  
 I-3 and I-4  
 1-5/1-6

Insert pages

1-1 and Fig. 2  
 Fig. 4, 2 of 5 and 2 of 6  
 4-1 and 4-2  
 4-3 and BULK-1  
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 I-3 and I-4  
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2. Retain this sheet in front of manual for reference purposes.

By Order of the Secretary of the Army:

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TECHNICAL MANUAL

NO. 55-4920-430-30P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 5 August 1987

AVIATION INTERMEDIATE  
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST)  
FOR  
ADVANCED FLIGHT CONTROL SYSTEM (AFCS)  
BENCH TEST SET  
NSN 4920-01-121-0602

Current as of 28 February 1987

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you find 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 the back of this manual direct to: Commander, US Army Aviation Systems Command, ATTN: AMSAV-MPSD, 4300 Goodfellow Blvd., St. Louis, Missouri 63120-1798. A reply will be furnished directly to you.

TABLE OF CONTENTS

Section		Listing Page	Illus Figure
I.	INTRODUCTION	1	
II.	REPAIR PARTS LIST	7	
	GROUP 01 CABLE ASSY, AFCS BENCH TEST		
	AFCS Bench Test Set . . . . .	1-1	1
	Cable Assy (W1, W2, W3, and W7) . . . . .	2-1	2
	Cable Assy (W4, W5, and We) . . . . .	3-1	3
	GROUP 02 PANEL ASSEMBLY		
	Panel Assy . . . . .	4-1	4
	GROUP 03 BULK MATERIAL		
	Bulk Material . . . . .	Bulk-1	
III.	SPECIAL TOOLS LIST (Not applicable)		
IV.	NATIONAL STOCK NUMBER AND PART NUMBER INDEX		
	National Stock Number and Part Number Index . . . . .	I-1	

**SECTION I. INTRODUCTION**

**1. Scope.** This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Aviation Intermediate Maintenance (AVIM) of the AFCS Bench Test Set. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

**2. General.** In addition to Section I, Introduction, this Repair Parts and Special Tools List is divided into the following sections:

*a. Section II. Repair Parts List.* A list of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Bulk materials are listed in item name sequence. Repair parts kits are listed separately in their own functional group within Section II. Repair parts for repairable special tools are also listed in this section. Items listed are shown on the associated illustration(s)/figure(s).

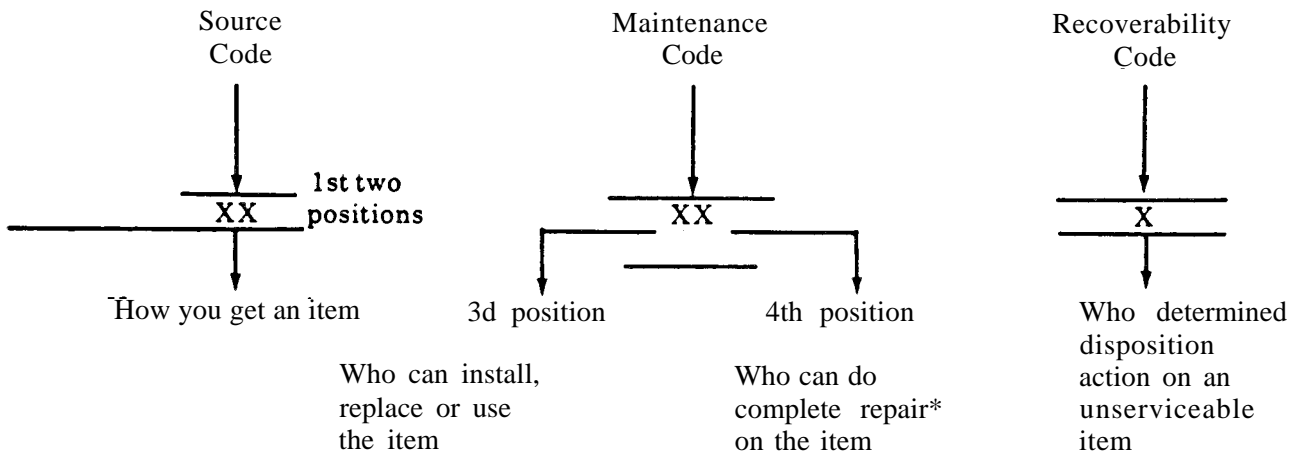
*b. Section III Special Tools List.* A list of special tools, special TMDE, and other special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in DESCRIPTION AND USABLE ON CODE column) for the performance of maintenance. (Not applicable)

*c. Section IV. National Stock Number and Part Number Index.* A list, in National Item Identification Number (NIIN) sequence, of all National stock numbered items appearing in the listing, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns (Sections II and III).**

*a. Item No. (Column 1).* Indicates the number used to identify items called out in the illustration.

*b. SMR Code (Column 2).* The Source, Maintenance, and Recoverability (SMR) code is a 5-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



\*Complete Repair Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) **Source Code.** The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item equipment. Explanations of source codes follows:

Code	Explanation
PA PB PC** PD PE PF PG	Stocked items: use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the 3d position of the SMR code.  **NOTE: Items coded PC are subject to deterioration
KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the 3d position of the SMR code. The complete kit must be requisitioned and applied.

Code	Explanation
MO- (Made at org AVUM Level) MF- (Made at DS AVUM Level) MH- (Made at GS Level) ML- (Made at Specialized Repair Act (SRA)) MD- (Made at Depot)	Items with these codes are not to be requested requisitioned individually. They must be made from bulk material which is identified by the part number in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the Bulk Material group of the repair parts list in this RPSTL. If the item is authorized to you by the 3d position code of the SMR code, but the source code indicates it is made at a higher level, order the item from the higher level of maintenance.

Code	Explanation
AO- (Assembled by org/ AVUM Level) AF- (Assembled by DS/ AVIM Level) AH- (Assembled by GS Category) AL- (Assembled by SRA) AD- (Assembled by Depot)	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3d position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.

- XA - Do not requisition an "XA"-coded item. Order its next higher assembly. (Also, refer to the NOTE below.)
- XB - If an "XB" item is not available from salvage, order it using the FSCM and part number given.
- XC - Installation drawing, diagram, instruction sheet, field service drawing, that, is identified by manufacturer's part number.
- XD - Item is not stocked. Order an "XD"-coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE: Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 700-42.

**(2) Maintenance Code.** Maintenance codes tells you the level(s) of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR Code as follows:

*(a)* The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following levels of maintenance.

<b>Code</b>	<b>Application/Explanation</b>
C	-Crew or operator maintenance done within organizational or aviation unit maintenance.
O	-Organizational or aviation unit category can remove, replace, and use the item.
F	-Direct support or aviation intermediate level can remove, replace, and use the item.
H	-General support level can remove, replace, and use the item.
L	-Specialized repair activity can remove, replace, and use the item.
D	-Depot level can remove, replace, and use the item.

*(b)* The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (i.e., perform all authorized repair functions.) (NOTE: Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.) This position will contain one of the following maintenance codes.

<b>Code</b>	<b>Application/Explanation</b>
O	-Organizational or (aviation unit) is the lowest level that can do complete repair of the item.
F	-Direct support or aviation intermediate is the lowest level that can do complete repair of the item.
H	-General support is the lowest level that can do complete repair of the item.
L	-Specialized repair activity (designate the specialized repair activity) is the lowest level that can do complete repair of the item.
D	-Depot is the lowest level that can do complete repair of the item.
Z	-Nonreparable. No repair is authorized.
B	-No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item). However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

(3) **Recoverability Code.** Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

Recoverability Codes	Application/Explanation
Z	-Nonreparable item, When unserviceable, condemn and dispose of the item at the level of maintenance shown in 3d position of SMR Code.
O	-Reparable item. When uneconomically reparable, condemn and dispose of the item at organizational or aviation unit level.
F	-Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support or aviation intermediate level.
H	-Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	-Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item not authorized below depot level.
L	-Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA).
A	-Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals directives for specific instructions.

**c. FSCM (Column (3)).** The Federal Supply code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

**d. Part Number (Column (4)).** Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specification standards, and inspection requirements to identify an item or range of items.

NOTE: When you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

**e. Description and Usable On Code (UOC) (Column (5)).** This column includes the following information:

(1) *The Federal item name and, when required, a minimum description to identify the item.*

(2) The physical security classification of the item is indicated by the parenthetical entry (insert applicable physical security classification abbreviation, e.g., Phy Sec C1 (C) - Confidential, Phy Sec C1 (S) Secret, Phy Sec C1 (T) - Top Secret).

(3) Items that are included in kits and sets are listed below the name of the kit or set.

(4) Spare/repair parts that make up an assembled item are listed immediately following the assembled item line entry.

(5) Part numbers for bulk materials are referenced in this column in the line item entry for the item to be manufactured fabricated.

(6) When the item is not used with all serial numbers of the same model, the effective serial numbers are shown on the last line(s) of the description {before UOC}.

(7) The usable on code, when applicable (see paragraph 5, Special information).

(8) In the Special Tools List section, the basis of issue (BOI) appears as the last line(s) in the entry for each special tool, special TM DE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased proportionately.

(9) The statement "END OF FIGURE" appears just below the last item description in Column 5 for a given figure in both Section II and Section III.

*f. QTY (Column (6)).* The QTY (quantity per figure column) indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

#### 4. Explanation of Columns (Sect. IV).

##### *a. National Stock Number (NSN) Index.*

(1) *Stock Number Column.* This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN (i.e., NSN  
5305 -01-674 -1467). When using this  
NIIN column to locate an item, ignore the first 4 digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

(2) *Fig. Column.* This column lists the number of the figure where the item is identified/located. The figures are in numerical order in Section II and Section III.

(3) *item Column.* The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

*b. Part Number Index.* Part numbers in this index are listed by part number in ascending alphanumeric sequence (i.e., vertical arrangement of letter and number combination which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

(1) *FSCM Column.* The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

(2) *Part Number Column.* Indicates the primary number used by the manufacturer (individual, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

(3) *Stock Number Column.* This column lists the NSN for the associated part number and manufacturer identified in the Part Number and FSCM Columns to the left.

(4) *FIG. Column.* This column lists the number of the figure where the item is identified/located in Section II and III.

(5) *Item Column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.



**5. Special Information.** Use the following subparagraphs as applicable:

*a. Usable On Code.* The usable on code appears in the lower left corner of the Description column heading. Usable on codes are shown as “UOC: . . . .” in the Description Column (justified left) on the first line applicable item description nomenclature. Uncoded items are applicable to all models. Identification of the usable on codes used in the RPSTL are:

Code	Used On	
PAA	Model M114	
PAB	Model M114A	(These codes and model
PAC	Model M114B	numbers are examples only)

*b. Index Numbers.* Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in Section II.

*c. Associated Publications.* The publication(s) listed below pertain to (insert applicable equipment nomenclature) and its components:

Publication	Short Title
TM 55-4920-430-13	AVIM Maintenance Manual

NOTE: Associated publications shall not be listed herein combined narrative and RPSTL manuals.

**6. How to Locate Repair Parts.**

*a. When National Stock Number or Part Number is Not Known.*

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

(3) *Third.* Identify the item on the figure and note the item number.

(4) *Fourth.* Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

*b. When National Stock Number or Part Number is Known:*

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National Stock Number or Part Number. The NSN index is in National Item Identification Number (NIIN) sequence (see 4a(1)). The part numbers in the Part Number index are listed in ascending alphanumeric sequence (see 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) *Second.* After finding the figure and item number, verify that the item is the one you’re looking for, then locate the item number in the repair parts list for the figure.



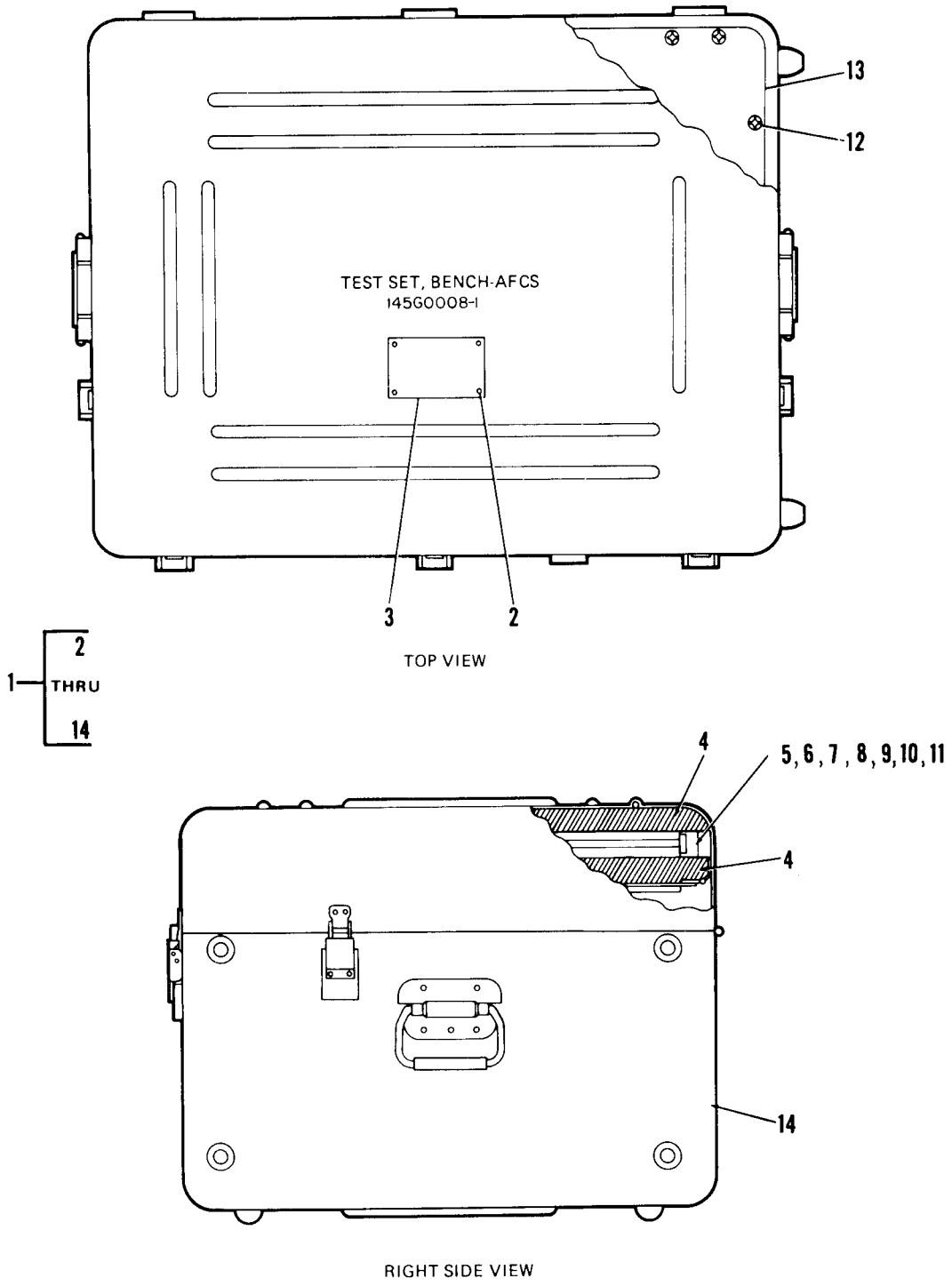


Figure 1. Exploded View of AFCS Bench Test Set

SECTION II			TM55-4920-430-30P		(5)	(6)
(1)	(2)	(3)	(4)			
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
GROUP 01. CABLE ASSYS, AFCS BENCHTEST						
FIGURE 1. TEST SET, AFCS						
1	PBFDD	77272	145G0008-1	TEST SET, AFCS .....	1	
2	PAFZZ	80205	NAS1635-00-2	.SCREW, MACHINE.....	4	
3	XDFZZ	77272	VS25113-4	.PLATE, IDENT.....	1	
4	MFFZZ	94580	10066999-101	.INSERT, FOAMPACKING.....	2	
5	AAAAF	77272	145G5177-1	.CABLE ASSY (W1)SEE FIG 2 FOR BKDN.	1	
6	AAAAF	77272	145G5178-1	.CABLE ASSEMBLY (W2)SEE FIG 2 FOR BKDN.....	1	
7	AAAAF	77272	145G5179-1	.CABLE ASSY (W3)SEE FIG 2 FOR BKDN.	1	
8	AAAAF	77272	145G5180-1	.CABLE ASSY (W4)SEE FIG 3 FOR BKDN.	1	
9	AAAAF	77272	145G5181-1	.CABLE ASSY (W5)SEE FIG 3 FOR BKDN.	1	
10	AAAAF	77272	145G5182-1	.CABLE ASSY (W6)SEE FIG 3 FOR BKDN.	1	
11	AAAAF	77272	145G5183-1	.CABLE ASSY (W7)SEE FIG 2 FOR BKDN.	1	
12	PAFZZ	80205	NAS1635-3-10	.SCREW, MACHINE.....	18	
13	XDFDD	77272	145G5200-1	.PANEL ASSEMBLY ,TEST SET SEE FIG 4 FOR BKDN.....	1	
14	XDFZZ	77272	234G5281-1	.CASE, MODIFIED.....	1	

END OF FIGURE

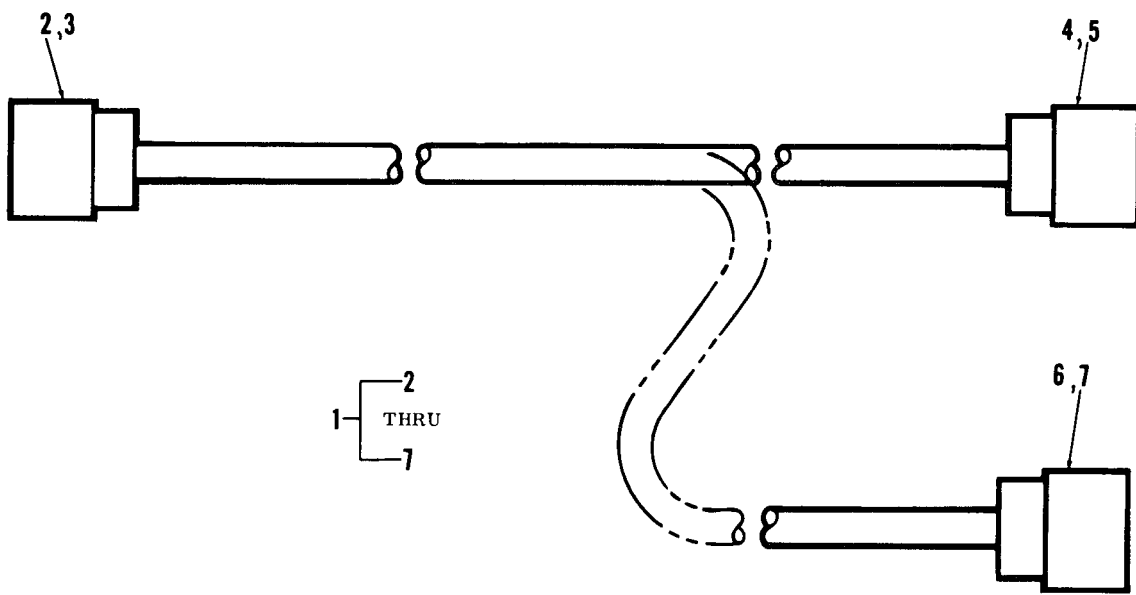


Figure 2. Cable Assy (W1, W2, W3, and W7)

SECTION II			TM55-4920-430-30P			
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
GROUP 01. CABLE ASSYS. AFCS BENCHTE ST						
FIGURE 2. CABLE ASSY						
1	AFFFF	77272	145G5177-1	CABLE ASSY (W1) SEE FIG 1 FOR NHA..	1	
1	AFFFF	77272	145G5178-1	CABLE ASSEMBLY.....	REF	
1	AFFFF	77272	145G5179-1	CABLE ASSEMBLY.....	REF	
1	AFFFF	77272	145G5183-1	CABLE ASSEMBLY.....	REF	
2	PAFZZ	96906	MS3476W24-61P	.CONNECTOR, PLUG, ELEC (W1P1)(U/W 145G5177-1).....	1	
2	PBFZZ	81349	D38999/26WH35PN	.CONNECTOR (W2P1)(U/W 145G5178-1)..	1	
2	PBFZZ	96906	MS3476W24-61PX	.CONNECTOR, PLUG, ELEC (W3P1)(U/W 145G5179-1).....	1	
2	PAFZZ	96906	MS3476L14-5S	.CONNECTOR, PLUG, ELEC (W7P1)(U/W 145G5183-1).....	1	
3	PAFZZ	81349	M85049/52-1-24W	.CLAMP, CABLE, ELECTRI (U/W 145G5177-1, 145G5178-1, AND 145G5179-1).....	2	
3	PAFZZ	96906	MS3417-14N	.CLAMP, CABLE, ELECTRI (U/W 145G5183-1).....	1	
3	PAFZZ	94580	10080930-101	.CLAMP, CABLE, ELECTRI (U/W 145G5178-1).....	2	
4	PAFZZ	96906	MS3476L24-61S	.CONNECTOR, PLUG, ELEC (W1P2)(U/W 145G5177-1).....	1	
4	PBFZA	81349	D38999/26WH35SN	.CONNECTOR (W2P2)(U/W 145G5178-1)..	1	
4	PAFZZ	96906	MS3476L24-61SX	.CONNECTOR, PLUG, ELEC (W3P2)(U/W 145G5179-1).....	1	
4	PAFZZ	96906	MS3456W20-4P	.CONNECTOR, PLUG, ELEC (W7P2)(U/W 145G5183-1).....	1	
5	PAFZZ	81349	M85049/52-1-24W	.CLAMP, CABLE, ELECTRI (U/W 145G5177-1, 145G5178-1 AND 145G5179-1).....	2	
5	PAFZZ	96906	MS3057-12B	.CLAMP, CABLE, ELECTRI (U/W 145G5183-1).....	2	
6	PAFZZ	96906	MS3106A20-3P	.CONNECTOR, PLUG, ELEC (W7P3)(U/W 145G5183-1).....	1	
7	PAFZZ	96906	MS3417-14N	.CLAMP, CABLE, ELECTRI.....	2	

END OF FIGURE

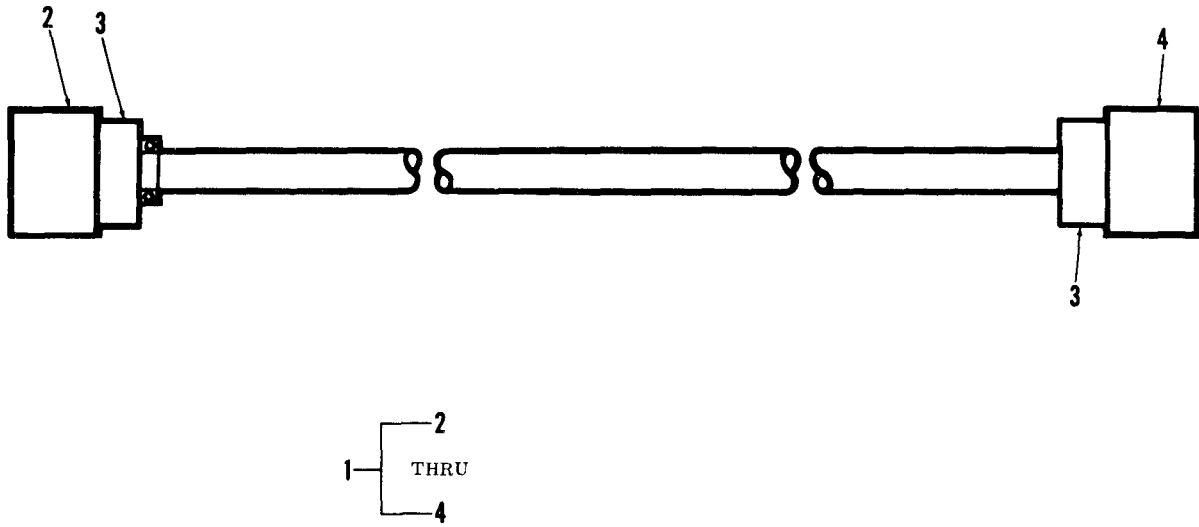


Figure 3. Cable Assy (W4, W5, and W6)

SECTION II			TM55-4920-430-30P			
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
GROUP 01. CABLEASSYS, AFCS BENCH TEST						
FIGURE 3. CABLE ASSY						
1	AFFFF	77272	145G5180-1	CABLE ASSY (W4) SEE FIG 1 FOR NHA..	1	
1	AFFFF	77272	145G5181-1	CABLEASSEMBLY.....	REF	
1	AFFFF	77272	145G5182-1	CABLEASSEMBLY.....	REF	
2	PAFZZ	96906	MS3476L14-19S	.CONNECTOR,PLUG,ELEC.....	1	
2	PAFZZ	96906	MS3476L14-19PX	.CONNECTOR,PLUG,ELEC (W5P1)(U/W 145G5181-1).....	1	
2	PAFZZ	96906	MS3476L14-19PW	.CONNECTOR,PLUG,ELEC (W6P1)(U/W 145G5182-1).....	1	
3	PAFZZ	96906	MS3417-14N	.CLAMP,CABLE,ELECTRI.....	2	
4	PAFZZ	96906	MS3476L14-19SX	.CONNECTOR,PLUG,ELEC (W4P2)(U/W 145G5180-1).....	1	
4	PAFZZ	96906	MS3476L14-19S	.CONNECTOR,PLUG,ELEC (W5P2,W6P2)(U/ W145G5181-1 AND 145G5182-1).....	1	

END OF FIGURE



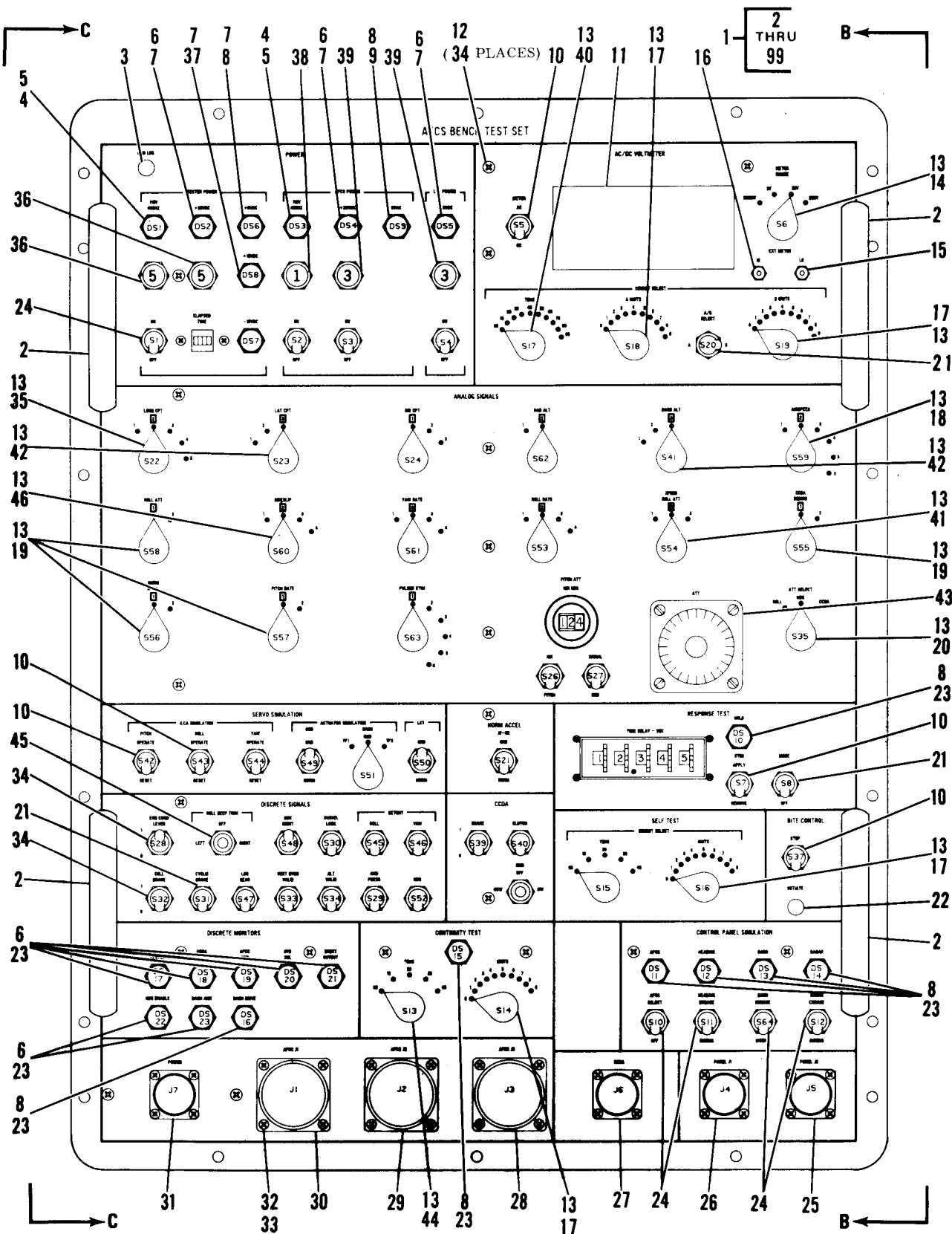


Figure 4. Panel Assy (Sheet 1 of 5)

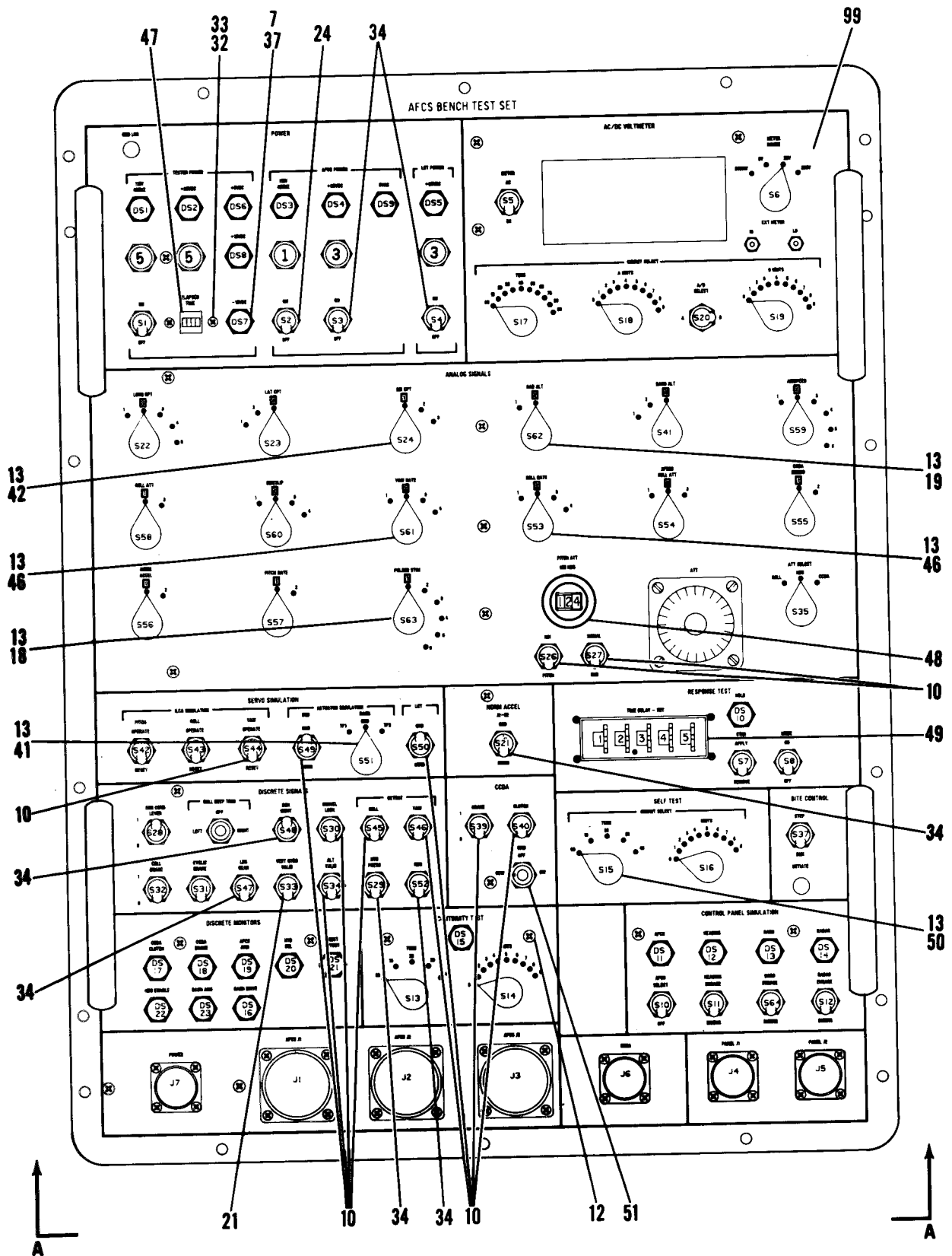


Figure 4. Panel Assy (Sheet 2 of 5)

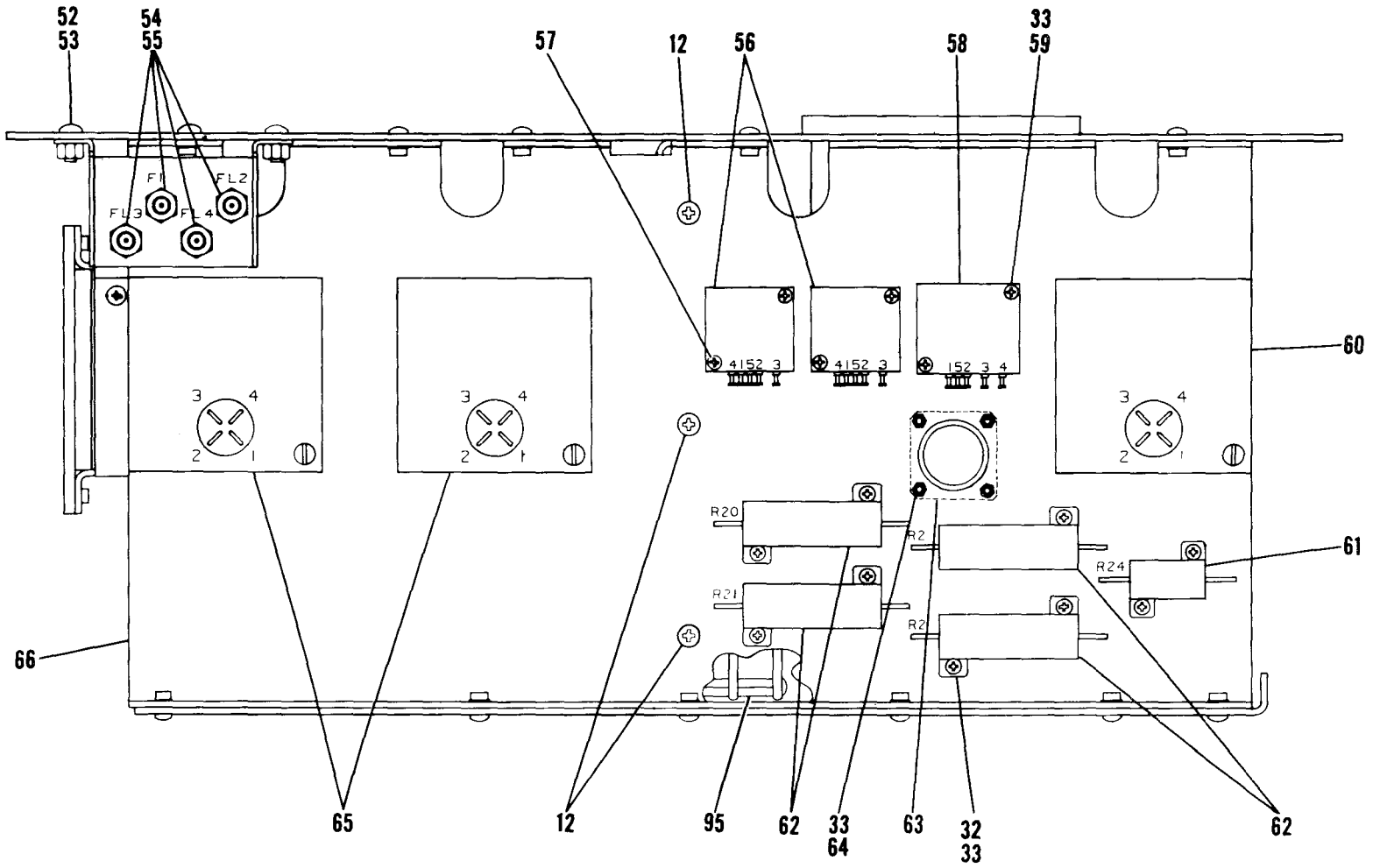


Figure 4. Panel Assy (Sheet 3 of 5)

VIEW A - A

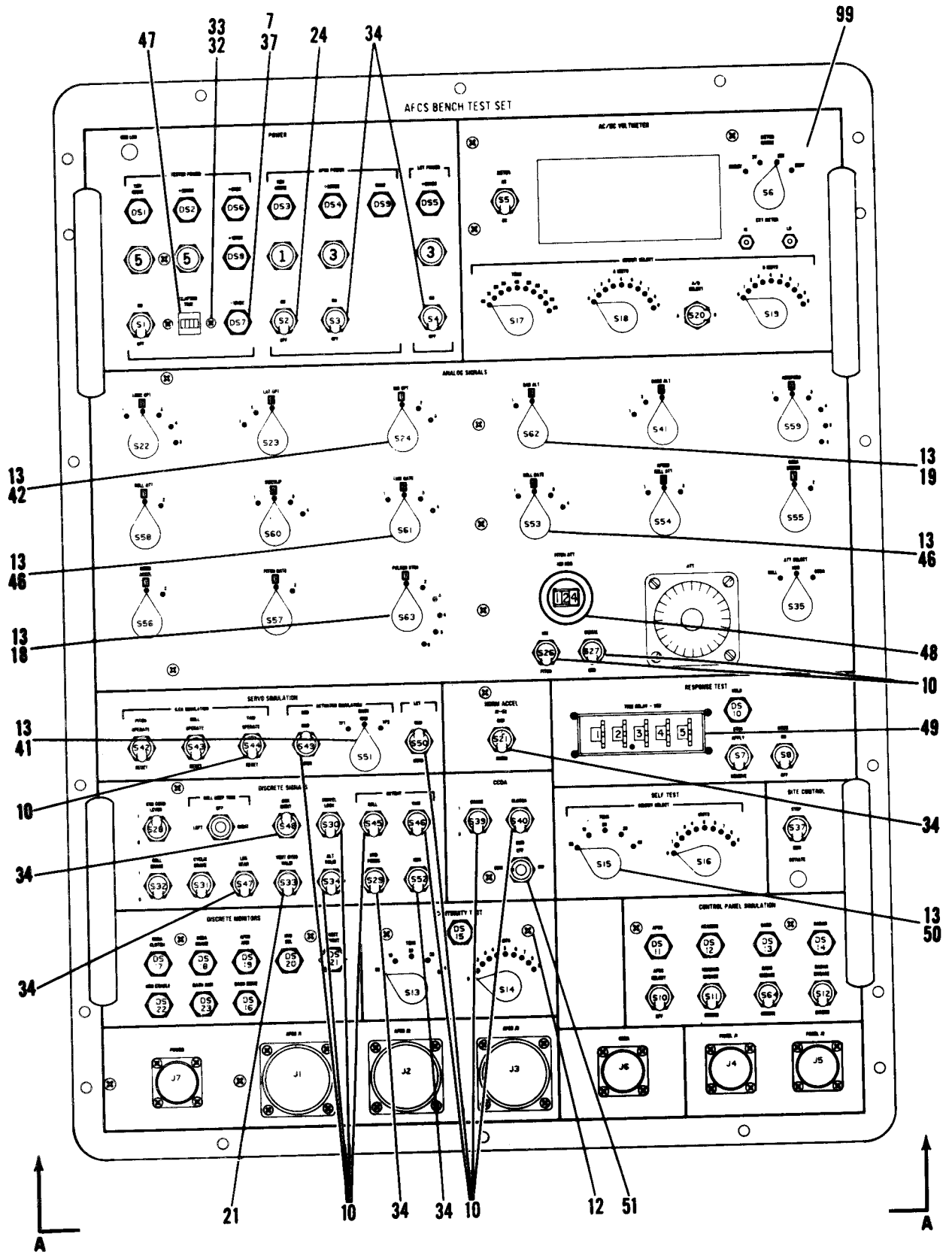


Figure 4. Panel Assy (Sheet 2 of 5)

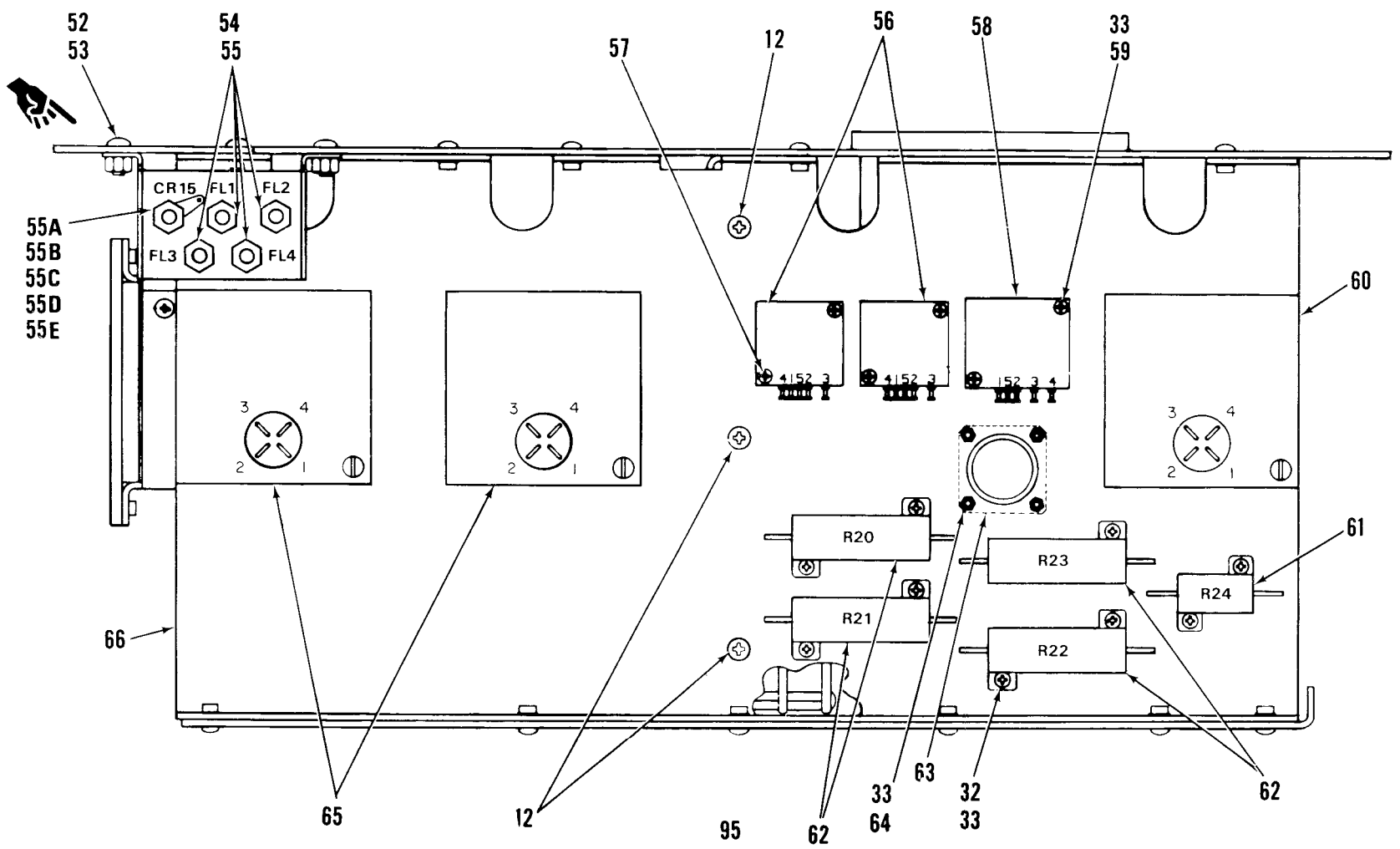


Figure 4. Panel Assy (Sheet 3 of 5)

Change 1

VIEW A-A

## SECTION II

TM55-4920-430-30P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC) GROUP 02. PANELASSEMBLY FIGURE 4. PANEL ASSY, TEST SET	(6) QTY
1	XDFDD	77272	145G5200-2	PANELASSEMBLY.....	REF
2	XDFZZ	94580	459066-14	.HANDLE, OVAL.....	4
3	PAFZZ	94580	10080822-101	.POST, BINDING.....	1
4	PBFZZ	08987	440688-12	.LIGHT, INDICATOR (DS1, DS3).....	2
5	PAFZZ	81349	M15098/11-001	.LAMP, GLOW NEZD(DS1, DS3).....	2
6	PAFZZ	81348	W-L-00111/7	.LAMP, INCANDESCENT , 28V(DS2, DS4, DS5, AND DS17 THRU DS23).....	10
7	XDFZZ	94580	440688-3	.LIGHT, INDICATOR (DS2 AND DS4 THRU DS8).....	6
8	PAFZZ	96906	MS25237-381	.LAMP, INCANDESCENT , 5V(DS6, DS9, AND DS10 THRU DS16).....	9
9	XDFZZ	94580	440688-4	.LIGHT, INDICATOR (DS9).....	1
10	PAFZZ	96906	MS90310-231	SWITCH, TOGGLE (S5, S7, S26, S27, S39, S40, S45, S46, S30, S34, S37, S42, S43, S44, S49, S50, AND S52).....	17
11	PBDZZ	94580	10080816-101	.MULTIMETER.....	1
12	PAFZZ	96906	MS51957-43	.SCREW, MACHINE.....	34
13	PBFZZ	96906	MS91528-1K28	.KNOB.....	25
14	PAFZZ	81349	M3786/4-5041	.SWITCH, ROTARY(S6).....	1
15	PAFZZ	81349	M39024/10-03	.JACK, TIP , LOW VOLTAGE(J9).....	1
16	PAFZZ	81349	M39024/10-02	.JACK, TIP , LOW VOLTAGE(J8).....	1
17	PAFZZ	81349	M3786/36-0239	.SWITCH, ROTARY (S14, S16, S18, AND S19).....	4
18	PAFZZ	81349	M3786/4-5005	.SWITCH, ROTARY (S59, S63).....	2
19	PAFZZ	81349	M3786/4-5001	.SWITCH, ROTARY (S55 THRU S58, AND S62).....	5
20	PAFZZ	81349	M3786/4-5062	.SWITCH, ROTARY(S35).....	1
21	PAFZZ	96906	MS24524-23	.SWITCH, TOGGLE (S8, S31, S33, AND S20)	4
22	PAFZZ	94580	10080821-101	.SWITCH, PUSH(S36).....	1
23	XDFZZ	94580	440688-6	.LIGHT, INDICATOR (DS10 THRU DS23)..	14
24	PAFZZ	96906	MS24524-22	.SWITCH, TOGGLE (S1, S2, S10, S11, S12, AND S64).....	6
25	PAFZA	96906	MS3470L14-19SX	.CONNECTOR, RECEPTACL (J5).....	1
26	PAFZF	96906	MS3470L14-19S	.CONNECTOR, RECEPTACL (J4).....	1
27	PAFZZ	96906	MS3122E14-19SW	.CONNECTOR, RECEPTACL (J6).....	1
28	XDFZZ	96906	MS3470L24-61SX	.CONNECTOR (J3).....	1
29	PAFZA	81349	D38999/20WH35SN	.CONNECTOR (J2).....	1
30	XDFZZ	96906	MS3470L24-61S	.CONNECTOR, RECEPTACL (J1).....	1
31	PAFZZ	96906	MS3470L14-5P	.CONNECTOR, RECEPTACL (J7).....	1
32	PAFZZ	80205	NAS1635-04-6	.SCREW, MACHINE.....	10
33	PAFZZ	96906	MS21044C04	.NUT, SELF-LOCKING, HE.....	36
34	PAFZZ	96906	MS90310-221	.SWITCH, TOGGLE (S3, S4, S28, S48, S32, S47, S29, AND S21).....	8
35	PAFZZ	81349	M3786/4-5015	.SWITCH, ROTARY (S22).....	1
36	PADZZ	94580	10080928-103	.BREAKER, CIRCUIT (CB1, CB2).....	2
37	PAFZZ	96906	MS25237-8918	.LAMP, INCANDESCENT 15V(DS7, DS8)....	2
38	PADZZ	94580	10080928-101	.BREAKER, CIRCUIT (CB3).....	1
39	PADZZ	94580	10080928-102	.BREAKER, CIRCUIT (CB4, CB5).....	2

SECTION II			TM55-4920-430-30P			
(1)	(2)	(3)	(4)	(5)	(6)	
ITEM NO	SMR CODE	FSCM	PART NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)	QTY	
40	PAFZZ	81349	M3786/36-0085	.SWITCH,ROTARY (S17).....	1	
41	PAFZZ	81349	M3786/4-5002	.SWITCH,ROTARY (S51,S54).....	2	
42	PAFZZ	81349	M3786/4-5013	.SWITCH,ROTARY (S23,S24,AND S41)...	3	
43	PBDZZ	94580	10080817-101	.DIAL,SYNOHRO-MAPA (B1).....	1	
44	PAFZZ	81349	M3786/4-5015	.SWITCH,ROTARY (S13).....	1	
45	PAFZZ	96906	MS90310-271	.SWITCH,TOGGLE (S25).....	1	
46	PAFZZ	81349	M3786/4-5003	.SWITCH,ROTARY (S53,S60,AND S61)...	3	
47	PAFZZ	96906	MS17322-10	.METER,TIME TOTALIZI (M1).....	1	
48	XDDZZ	94580	10080532-106	.POTENTIOMETER,10TN(R19).....	1	
49	PBDZZ	81349	M22710/15-425	.SWITCH,CODE INDICAT (S9).....	1	
50	PAFZZ	81349	M3786/4-5059	.SWITCH,ROTARY (S15).....	1	
51	PAFZZ	96906	MS24524-27	.SWITCH,TOGGLE(S38).....	1	
52	PAFZZ	96906	MS21044C08	.NUT,SELF-LOCKING,HE.....	2	
53	PAFZZ	96906	MS51957-45	.SCREW,MACHINE.....	2	
54	PADZZ	81349	M15733/26-0007	.FILTER, RADIO INTR (F1,F2,F3,AND F4).....	4	
55	PAFZZ	96906	MS25082-C4	.NUT,PLAIN,HEXAGON.....	4	
55A	PAFZZ	09128	ST990019-005	.INSULATOR.....	1	
55B	PAFZZ		10021668-104	.BUSHING,INSULATOR.....	1	
55C	PAFZZ	96906	MS35650-304	.NUT,PLAIN HEX.....	1	
55D	PAFZZ	96906	MS77069-1	.LUG,TERMINAL.....	1	
55E	PAFZZ	C7191	1N1202A	.DIODE CR15.....	1	
56	PBDZZ	94580	10039725-105	.TRANSFORMER.....	2	
57	PAFZZ	96906	MS51957-22	.SCREW,MACHINE.....	4	
58	XDDZZ	94580	10039725-107	.TRANSFORMER(T1).....	1	
59	PAFZZ	80205	NAS1635-04-28	.SCREW,MACHINE.....	2	
60	PBDZZ	94580	10039731-101	.POWER,SUPPLY.....	1	
61	PADZZ	81349	RER70F3010R	.RESISTOR,FIXED,WIRE (R24).....	1	
62	PADZZ	81349	RER75F8R06R	.RESISTOR, FIXED ,WIRE (R20 THRU R23)	4	
63	PAFZZ	96906	MS3470W16-26P	.CONNECTOR,RECEPTACL (J11).....	1	
64	PAFZZ	80205	NAS1635-04-5	.SCREW,MACHINE.....	20	
65	PBDZZ	94580	10039726-102	.POWER SUPPLY (PS1,PS2).....	2	
66	XDFFF	77272	145G5290-1	.SUPPORTASSEMBLY,PO.....	1	
67	PAFZZ	80205	NAS1635-06-6	.SCREW,MACHINE.....	26	
68	XDFZZ	77272	145G5293-1	.BRACKET,METER.....	1	
69	PBDZA	94580	10080929-101	.CONNECTOR,CARD(P12).....	1	
70	XDDZZ	94580	10028712-101	.KEY,CONNECTOR (S20,S21).....	2	
71	PBDZA	94580	10080929-102	.CONNECTOR,CARD (P13).....	1	
72	PBDZZ	77272	145G5297-1	.TERMINAL BOARD ASSY (TB1).....	1	
73	PBDDD	77272	145G5298-1	.TERMINAL BOARD ASSY (TB1).....	1	
74	PBDDD	77272	145G5299-1	.TERMINAL BOARD ASSY (TB3).....	1	
75	PBDDD	77272	145G5300-1	.TERMINAL BOARD ASSY (TB4).....	1	
76	PAFZZ	96906	MS3476W16-26S	.CONNECTOR,PLUG,ELEC.....	1	
77	XDFZZ	77272	145G5295-1	.PLATE,CONNECTOR.....	2	
78	XDFZZ	72962	79-1660-26	.NUT,SELF-LOCKING,HE.....	10	
79	PAFZZ	80205	NAS1635-02-5	.SCREW,MACHINE.....	10	
80	PADZZ	81349	M55302/27-06	.CONNECTOR,RECE PTACL (P14 THRU P18)	5	
81	XDFFF	77272	414G5217-1	.RETAINER,CARD.....	2	
82	PBDDD	77272	145G5186-1	.CIRCUIT CARD ASSEMB ROLL,AND YAW SERVO CYLINDER, CIRCUIT(A1).....	1	

## SECTION II

TM55-4920-430-30P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES(UOC)	(6) QTY
83	PBDDD	77272	145G5198-1	.CIRCUITCARDASSEMB.....	1
84	PBDDD	77272	145G5192-1	.CIRCUITCARDASSEMB.....	1
85	PBDDD	77272	145G5195-1	.CIRCUIT CARD ASSEMB AND HOLD CIRCUIT(A4).....	1
86	PBDDD	77272	145G5189-1	.CIRCUIT,CARD ASSEMB AND DASHSERVO SIMULATOR,CIRCUIT(A2) ALT P/N 145G5189-3.....	1
87	XDFZZ	77272	145G5218-1	.TOP,CARD CAGE.....	2
88	XDFFF	77272	234G5219-1	.BASE,CARD CAGE ASSY.....	2
89	PAFZZ	80205	NAS1786A08-40	.POST,SPACER.....	2
90	PAFZZ	80205	NAS1786A08-30	.POST,SPACER.....	2
91	XDFZZ	77272	145G5294-2	.BRACKET,FILTER.....	1
92	XDFZZ	77272	145G5291-1	.SUPPORT ASSY,METER.....	1
93	PAFZZ	80205	NAS1635-3-4	.SCREW,MACHINE.....	12
94	PAFZZ	96906	MS35335-60	.WASHER,LOCK.....	12
95	PAFZZ	94580	10073031-103	.STANDOFF.....	16
96	XDFFF	77272	145G5292-1	.SPRTASSY,CHASSIS.....	1
97	XDFZZ	77272	145G5296-1	.PLATE,BOTTOM.....	1
98	PAFZZ	96906	MS24693S272	.SCREW,MACHINE.....	8
99	XDFZZ	77272	145G5203-1	.PANEL.....	1

END OF FIGURE



SECTION II			TM55-4920-430-30P		(5)	(6)
(1)	(2)	(3)	(4)			
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC) QTY		

GROUP 03. BULK MATERIALS

1	PADZZ	81343	AMS3195-250	RUBBER SHEET,CELLUL.....	V
2	PADZZ	81343	AMS3195	RUBBER SHEET,CELLUL.....	V
3	PADZZ	97403	RTV732-50ZTUBECL	ADHESIVE.....	V
4	PADZZ	07187	P4002538	INSULATING VARNISH,.....	V
5	PADZZ	81348	QQW343S16S2T	WIRE, ELECTRICAL.....	V
6	PADZZ	81349	GLCN34087	EPOXY COATING KIT.....	V
7	PADZZ	81349	GLCN34087	EPOXY COATING KIT.....	V
8	PADZZ	81348	SN50WRAP3 0.063 5LB	SOLDER, LEAD-TIN ALL.....	V
9	XDDZZ	81349	MIL-W-16878-22	WIRE 22 AWG.....	V

END OF FIGURE

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX					
STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5930-00-004-0249	4	19	6240-00-892-4420	4	5
5961-00-015-0148	4	55E	5930-00-913-3641	4	34
5940-00-050-7021	4	55D	5930-00-914-6458	4	10
5305-00-054-5656	4	57	6240-00-927-3180	4	8
5305-00-054-6668	4	12	5930-00-931-0516	4	45
5305-00-054-6670	4	53	5310-00-934-9765	4	55C
9320-00-069-5175	BULK	2	5305-00-940-9442	1	2
5930-00-107-4691	4	50	5305-00-957-7811	4	98
5310-00-137-3134	4	55	5310-00-982-4999	4	33
5305-00-147-6167	4	59	5310-00-982-6814	4	52
3439-00-163-4348	BULK	8	5935-00-988-4232	4	27
5310-00-209-1239	4	94	5930-01-023-0797	4	35
5305-00-241-1076	4	64		4	44
6645-00-255-1371	4	47	5970-01-121-9772	4	55A
5935-00-259-0060	2	6	5930-01-029-0815	4	14
5930-00-274-0018	4	42	5305-01-030-2255	1	12
5935-00-283-3394	2	5	5915-01-032-4472	4	54
5930-00-284-4039	4	18	5935-01-036-7421	3	4
5930-00-356-7595	4	46	5935-01-036-7422	3	2
5935-00-407-5462	2	4	5935-01-069-0285	2	4
5935-00-410-0194	2	2	5305-01-071-8126	4	93
5935-00-415-5400	4	26	6240-01-093-7323	4	37
5930-00-432-6994	4	41	5935-01-098-9998	2	2
5970-00-442-0272	BULK	4	5935-01-106-3899	4	76
5305-00-458-2832	4	67	5935-01-107-6658	2	2
5305-00-459-1160	4	79	5935-01-108-7605	4	63
5905-00-471-6194	4	61	5935-01-115-5075	4	25
5935-00-483-9738	3	2	5925-01-120-1203	4	39
5930-00-488-2577	4	20	5950-01-141-8714	4	56
5935-00-496-7838	3	2	5999-01-141-8715	4	82
	3	4	5940-01-141-8791	4	75
5305-00-498-1261	4	32	5940-01-141-8816	4	73
5355-00-556-0145	4	13	5940-01-141-8817	4	74
5905-00-593-5185	4	62	5999-01-144-0968	4	85
5935-00-622-2723	2	3	5999-01-144-1905	4	86
	2	7	6130-01-144-5904	4	65
	3	3	6130-01-144-5905	4	60
5935-00-628-9294	4	80	5940-01-144-5915	4	3
5930-00-655-4241	4	21	5355-01-144-7498	4	43
5930-00-655-4247	4	24	5970-01-144-7587	4	95
5930-00-660-3947	4	51	5940-01-144-7609	4	72
5935-00-702-4199	4	16	6625-01-144-7622	4	11
5935-00-762-0312	4	15	5340-01-145-3259	4	89
6240-00-763-7744	4	6	5340-01-145-4718	4	90
5935-00-763-8223	4	31	5935-01-145-7218	2	2
5935-00-763-8931	2	4	5930-01-146-1792	4	22
6145-00-833-5236	BULK	5	5925-01-146-1952	4	36
6210-00-865-2056	4	4	5925-01-146-1953	4	38
8010-00-877-8418	BULK	6	5930-01-146-1975	4	40
	BULK	7	5930-01-146-1976	4	17

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	NATIONAL STOCK NUMBER INDEX		STOCK NUMBER	FIG.	ITEM
	FIG.	ITEM			
5930-01-146-2033	4	49			
5935-01-146-7337	2	4			
5935-01-146-7355	4	69			
5935-01-146-9089	4	29			
5935-01-146-9090	4	71			
5935-01-149-6329	2	3			
5935-01-174-3669	2	3			
	2	5			
4920-01-230-5415	4	84			
4920-01-230-5416	4	83			
	4	55B			

SECTION II			TM55-4920-430-30P		(5)	(6)
(1)	(2)	(3)	(4)			
ITEM	SMR		PART			
NO	CODE	FSCM	NUMBER	DESCRIPTION AND USABLE ON CODES(UOC)		QTY
GROUP 01. CABLE ASSYS, AFCS BENCHTE						
ST						
FIGURE 1. TEST SET, AFCS						
1	PBFDD	77272	145G0008-1	TEST SET, AFCS.....		1
2	PAFZZ	80205	NAS1635-00-2	.SCREW, MACHINE.....		4
3	XDFZZ	77272	VS25113-4	.PLATE, IDENT.....		1
4	MFFZZ	94580	10066999-101	.INSERT, FOAMPACKING.....		2
5	AAAAA	77272	145G5177-1	.CABLE ASSY (W1)SEE FIG 2 FOR BKDN.		1
6	AAAAA	77272	145G5178-1	.CABLE ASSEMBLY (W2)SEE FIG 2 FOR		1
				BKDN. ....		
7	AAAAA	77272	145G5179-1	.CABLE ASSY (W3)SEE FIG 2 FOR BKDN.		1
8	AAAAA	77272	145G5180-1	.CABLE ASSY (W4)SEE FIG 3 FOR BKDN.		1
9	AAAAA	77272	145G5181-1	.CABLE ASSY (W5)SEE FIG 3 FOR BKDN.		1
10	AAAAA	77272	145G5182-1	.CABLE ASSY (W6)SEE FIG 3 FOR BKDN.		1
11	AAAAA	77272	145G5183-1	.CABLE ASSY (W7)SEE FIG 2 FOR BKDN.		1
12	PAFZZ	80205	NAS1635-3-10	.SCREW, MACHINE.....		18
13	XDFDD	77272	145G5200-2	.PANEL ASSEMBLY ,TEST SET SEE FIG		1
				4 FOR BKDN.....		
14	XDFZZ	77272	234G5281-1	.CASE, MODIFIED.....		1

END OF FIGURE

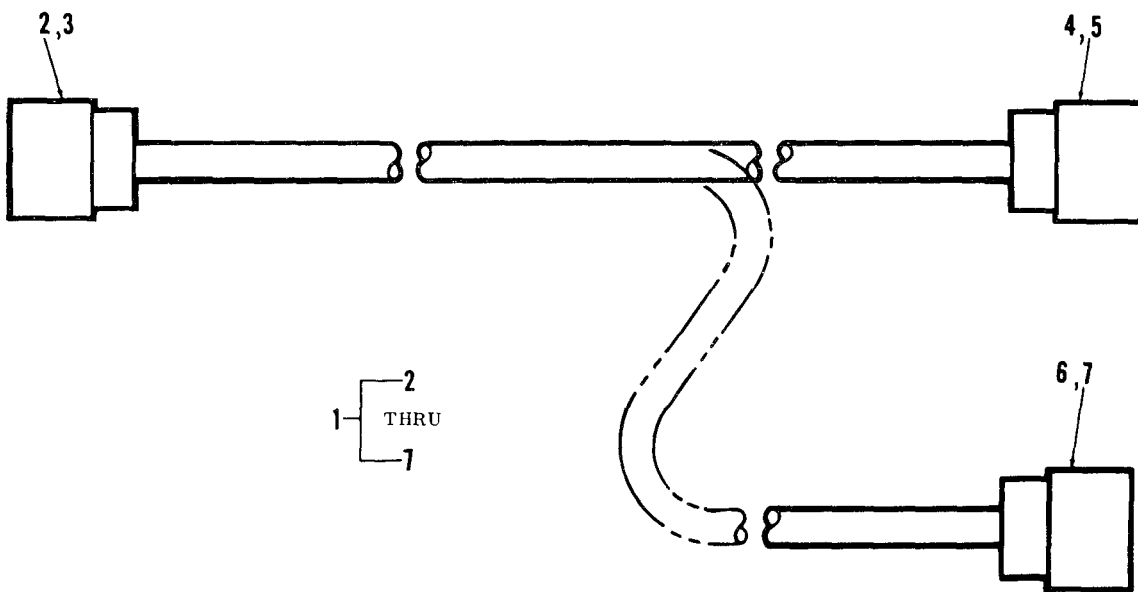


Figure 2. Cable Assy (W1, W2, W3. and W7)

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
81343	AMS3195	9320-00-069-5175	BULK	2
81343	AMS3195-250		BULK	1
81349	D38999/20WH35SN	5935-01-146-9089	4	29
81349	D38999/26WH35PN	5935-01-145-7218	2	2
81349	D38999/26WH35SN	5935-01-146-7337	2	4
81349	GLCN34087	8010-00-877-8418	BULK	6
			BULK	7
81349	MIL-W-16878-22		BULK	9
96906	MS17322-10	6645-00-255-1371	4	47
96906	MS21044C04	5310-00-982-4999	4	33
96906	MS21044C08	5310-00-982-6814	4	52
96906	MS24524-22	5930-00-655-4247	4	24
96906	MS24524-23	5930-00-655-4241	4	21
96906	MS24524-27	5930-00-660-3947	4	51
96906	MS24693S272	5305-00-957-7811	4	98
96906	MS25082-C4	5310-00-137-3134	4	55
96906	MS25237-381	6240-00-927-3180	4	8
96906	MS25237-8918	6240-01-093-7323	4	37
96906	MS3057-12B	5935-00-283-3394	2	5
96906	MS3106A20-3P	5935-00-259-0060	2	6
96906	MS3122E14-19SW	5935-00-988-4232	4	27
96906	MS3417-14N	5935-00-622-2723	2	3
			2	7
			3	3
96906	MS3456W20-4P	5935-01-069-0285	2	4
96906	MS3470L14-19S	5935-00-415-5400	4	26
96906	MS3470L14-19SX	5935-01-115-5075	4	25
96906	MS3470L14-5P	5935-00-763-8223	4	31
96906	MS3470L24-61S		4	30
96906	MS3470L24-61SX		4	28
96906	MS3470W16-26P	5935-01-108-7605	4	63
96906	MS3476L14-19PW	5935-00-483-9738	3	2
96906	MS3476L14-19PX	5935-01-036-7422	3	2
96906	MS3476L14-19S	5935-00-496-7838	3	2
			3	4
96906	MS3476L14-19SX	5935-01-036-7421	3	4
96906	MS3476L14-5S	5935-00-410-0194	2	2
96906	MS3476L24-61S	5935-00-407-5462	2	4
96906	MS3476L24-61SX	5935-00-763-8931	2	4
96906	MS3476W16-26S	5935-01-106-3899	4	76
96906	MS3476W24-61P	5935-01-098-9998	2	2
96906	MS3476W24-61PX	5935-01-107-6658	2	2
96906	MS35335-60	5310-00-209-1239	4	94
96906	MS35650-304	5310-00-934-9765	4	55C
96906	MS51957-22	5305-00-054-5656	4	57
96906	MS51957-43	5305-00-054-6668	4	12
96906	MS51957-45	5305-00-054-6670	4	53
96906	MS77069-1	5940-00-050-7021	4	55D
96906	MS90310-221	5930-00-913-3641	4	34
96906	MS90310-231	5930-00-914-6458	4	10
96906	MS90310-271	5930-00-931-0516	4	45

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
96906	MS91528-1K2B		5355-00-556-0145	4	13
81349	M15098/11-001		6240-00-892-4420	4	5
81349	M15733/26-0007		5915-01-032-4472	4	54
81349	M22710/15-425		5930-01-146-2033	4	49
81349	M3786/36-0085		5930-01-146-1975	4	40
81349	M3786/36-0239		5930-01-146-1976	4	17
81349	M3786/4-5001		5930-00-004-0249	4	19
81349	M3786/4-5002		5930-00-432-6994	4	41
81349	M3786/4-5003		5930-00-356-7595	4	46
81349	M3786/4-5005		5930-00-284-4039	4	18
81349	M3786/4-5013		5930-00-274-0018	4	42
81349	M3786/4-5015		5930-01-023-0797	4	35
				4	44
81349	M3786/4-5041		5930-01-029-0815	4	14
81349	M3786/4-5059		5930-00-107-4691	4	50
81349	M3786/4-5062		5930-00-488-2577	4	20
81349	M39024/10-02		5935-00-702-4199	4	16
81349	M39024/10-03		5935-00-762-0312	4	15
81349	M55302/27-06		5935-00-628-9294	4	80
81349	M85049/52-1-24W		5935-01-174-3669	2	3
				2	5
80205	NAS1635-00-2		5305-00-940-9442	1	2
80205	NAS1635-02-5		5305-00-459-1160	4	79
80205	NAS1635-04-28		5305-00-147-6167	4	59
80205	NAS1635-04-5		5305-00-241-1076	4	64
80205	NAS1635-04-6		5305-00-498-1261	4	32
80205	NAS1635-06-6		5305-00-458-2832	4	67
80205	NAS1635-3-10		5305-01-030-2255	1	12
80205	NAS1635-3-4		5305-01-071-8126	4	93
80205	NAS1786A08-30		5340-01-145-4718	4	90
80205	NAS1786A08-40		5340-01-145-3259	4	89
07187	P4002538		5970-00-442-0272	BULK	4
81348	QQW343S16S2T		6145-00-833-5236	BULK	5
81349	RER70F3010R		5905-00-471-6194	4	61
81349	RER75F8R06R		5905-00-593-5185	4	62
97403	RTV732-50ZTUBECL			BULK	3
81348	SN50WRAP3 0.063 5LB		3439-00-163-4348	BULK	8
9128	ST990019-005		5970-01-121-9772	4	55A
77272	VS25113-4			1	1
81348	W-L-00111/7		6240-00-763-7744	4	6
C7191	1N1202A		5961-00-015-0148	4	55E
	10021668-104			4	55B
94580	10028712-101			4	70
94580	10039725-105		5950-01-141-8714	4	56
94580	10039725-107			4	58
94580	10039726-102		6130-01-144-5904	4	65
94580	10039731-101		6130-01-144-5905	4	60
94580	10066999-101			1	4
94580	10073031-103		5970-01-144-7587	4	95
94580	10080532-106			4	48
94580	10080816-101		6625-01-144-7622	4	11

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	PART NUMBER INDEX STOCK NUMBER	FIG.	ITEM
94580	10080817-101	5355-01-144-7498	4	43
94580	10080821-101	5930-01-146-1792	4	22
94580	10080822-101	5940-01-144-5915	4	3
94580	10080928-101	5925-01-146-1953	4	38
94580	10080928-102	5925-01-120-1203	4	39
94580	10080928-103	5925-01-146-1952	4	36
94580	10080929-101	5935-01-146-7355	4	69
94580	10080929-102	5935-01-146-9090	4	71
94580	10080930-101	5935-01-149-6329	2	3
77272	145G5177-1		1	5
			2	1
77272	145G5178-1		1	6
			2	1
77272	145G5179-1		1	7
			2	1
77272	145G5180-1		1	8
			3	1
77272	145G5181-1		1	9
			3	1
77272	145G5182-1		1	10
			3	1
77272	145G5183-1		1	11
			2	1
77272	145G5186-1	5999-01-141-8715	4	82
77272	145G5189-1	5999-01-144-1905	4	86
77272	145G5192-1	4920-01-230-5415	4	84
77272	145G5195-1	5999-01-144-0968	4	85
77272	145G5198-1	4920-01-230-5416	4	83
77272	145G5200-1		1	13
			4	1
77272	145G5203-1		4	99
77272	145G5218-1		4	87
77272	145G5290-1		4	66
77272	145G5291-1		4	92
77272	145G5292-1		4	96
77272	145G5293-1		4	68
77272	145G5294-1		4	91
77272	145G5295-1		4	77
77272	145G5296-1		4	97
77272	145G5297-1	5940-01-144-7609	4	72
77272	145G5298-1	5940-01-141-8816	4	73
77272	145G5299-1	5940-01-141-8817	4	74
77272	145G5300-1	5940-01-141-8791	4	75
77272	234G5219-1		4	88
77272	234G5281-1		1	14
77272	414G5217-1		4	81
08987	440688-12	6210-00-865-2056	4	4
94580	440688-3		4	7
94580	440688-4		4	9
94580	440688-6		4	23
94580	459066-14		4	2
72962	79-1660-26		4	78



By Order of the Secretary of the Army:

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THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3d ENGINEER BN  
FT. LEONARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 55-4920-430-30P

PUBLICATION DATE

5 Aug 1987

PUBLICATION TITLE

RPSTL for Advanced Flight Control System Bench Test Set

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO	TABLE NO
6	2-1 a		
B1		4-3	
125	line 20		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 Cylinders. The engine on my set only has 4 Cylinders. Change the manual to show 4 Cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.  
DRST5-M Overprint 1, 1 Nov 80

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

TEAR ALONG PERFORATED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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**SOMETHING WRONG WITH THIS PUBLICATION?**

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DATE SENT

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BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

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# The Metric System and Equivalents

## Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

## Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

# Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

# Temperature (Exact)

°F	Fahrenheit	5/9 (after	Celsius	°C
	temperature	subtracting 32)	temperature	

