

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S, ORGANIZANTIONAL, DS, GS, AND DEPOT

MAINTENANCE MANUAL INCLUDING

REPAIR PARTS AND SPECIAL TOOLS LIST

VOLTMETER TS-2843/ U AND JOHN FLUKE MFG CO.

MODEL 883A

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TECHNICAL MANUAL

No. 11-6625-2400-15

OPERATOR'S, ORGANIZATIONAL, DS AND GS MAINTENANCE MANUAL
VOLTMETER TS-2843/U (JOHN FLUKE CO. MODEL 883A)
(NSN 6625-00-935-7002)

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, D. C., 4 February 1971

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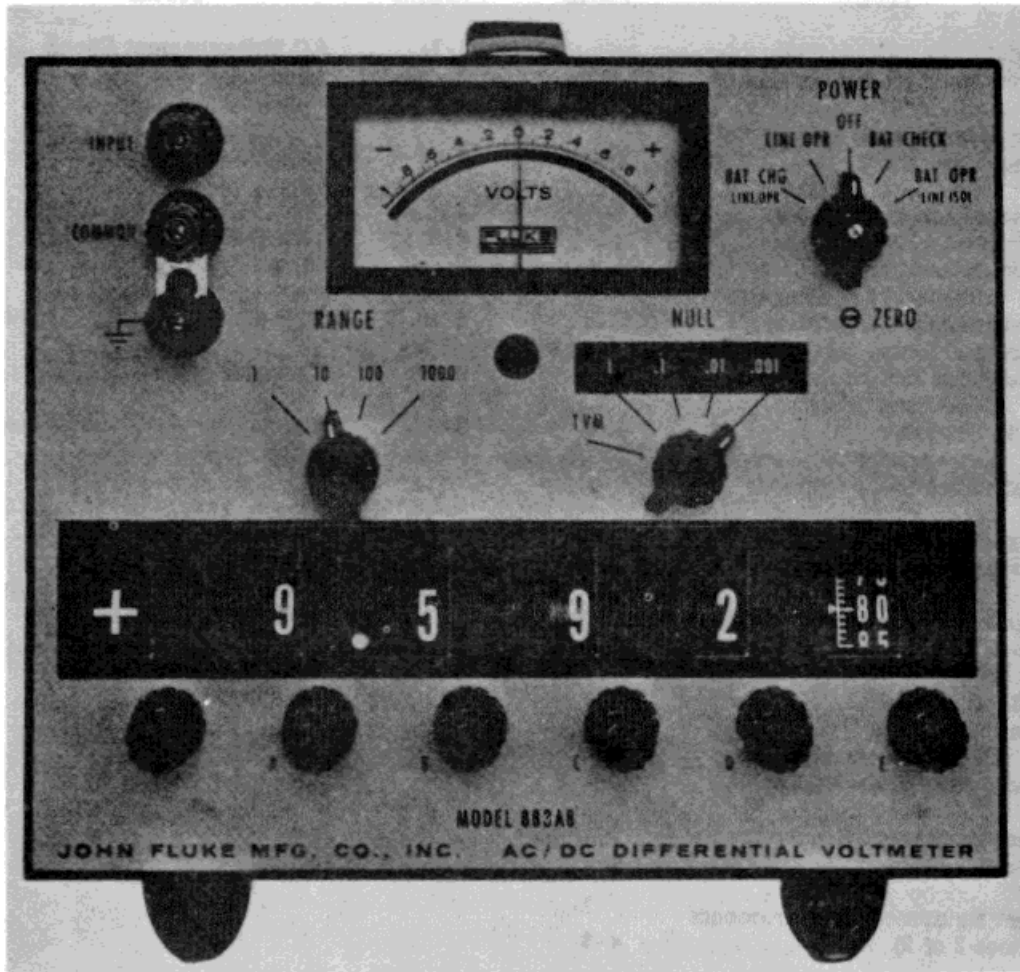
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MODEL 883A DIFFERENTIAL AC/DC VOLTMETER

SECTION I
INTRODUCTION AND SPECIFICATIONS

1-1. Scope

a. This manual includes operation instructions and maintenance information applicable to direct support allocation chart in appendix port (DS), general support (GS, and depot

Mfg. Co. Model 883AB. It also covers their Model appendix D. nance. It describes Voltmeter TS-2843/U as the commercial equipment identified as John M. Fluke 1970.

1-1.1. Items Comprising an Operable Equipment

FSN	QTY	Nomenclature, part, No., and mfr code	Fig. No.
NOTE The part number is followed by the applicable 5digit Federal supply code for manufacturers (FSCM) identified in SB 708-42 and used to identify manufacturer, distributor, or Government agency, etc.			
NOTE Dry batteries shown are used with the equipment but are not considered part of the equipment. They will not be preshipped automatically but are to be requisitioned in quantities necessary for the particular organization in accordance with SB 11-6.			
66259658304		Voltmeter TS2843/U	1-1
6140-93204801		which includes:	
6140-93U20481	1	Battery, Dry: 9-6V500BH; 06860	D-2
66~2971-16981		Battery, Dry: 1-2SC; 06860	D-2
		Cable Assembly, Power, Electrical	
		CX-12001/U	D-1

Change 1 v

SECTION I INTRODUCTION AND SPECIFICATIONS

1-1. Scope

a. This manual provides operating instructions and maintenance data for organizational, direct support (DS), general support (GS), and depot maintenance. It covers Voltmeter TS-2843/U and its commercial equivalent, the John Fluke Manufacturing Company Model 883A.

b. Appendix C provides a maintenance allocation chart (MAC) which is current as of February 15, 1980. Repair parts and special tools lists for all levels of maintenance are provided in TM 11-6625-2400-24P.

1-1.1. Items Comprising an Operable Equipment

FSN	QTY	Nomenclature, part No., and mfr code
NOTE The part number is followed by the applicable 5-digit Federal supply code for manufacturers (FSCM) identified in SB 70842 and used to identify manufacturer, distributor, or Government agency, etc. NOTE Dry batteries shown are used with the equipment but are not considered part of the equipment. They will not be preshipped automatically but are to be requisitioned in quantities necessary for the particular organization in accordance with SB 11-6.		
66259658304		Voltmeter TS-2843/U which includes:
6140-932-0480	1	Battery, Dry: 9-6V500BH; 06860
6140-932-0481	1	Battery, Dry: 1-2SC; 06860
6625971-1698	1	Cable Assembly, Power, Electrical CX-12001/U

1-2. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 to determine if there are any new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310-7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Maintenance Forms, Records, and Reports

a. Reports of Maintenance and Unsatisfactory Equipment. Department the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 735-11-2/NAVSUPINST 4440.127E/AFR 400-54/MCO 4430.3E and DSAR 4140.55.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 5538/NAVSUPINST 4610.33B/AFR 75-18/ MCO P4610.19C and DLAR 4500.15.

d. Reporting of Equipment Manual Improvements. You can help to 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 or DA Form 2028 (Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. A reply will be sent directly to you.

1-3.1. Reporting Equipment Improvement Recommendations (EIR)

If your Voltmeter TS-2843/U needs improvements, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know what you don't like about the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

1-4. Purpose and Use

a. This instruction manual is for use with the 883A series Differential AC/DC voltmeters. These are available as either a line-powered instrument (Model 883A) or as a combination line-powered or battery-powered instrument (Model 883AB).