This is a REPRINT including Changes 1 and 2.

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TECHNICAL MANUAL

OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL:

FLOW TRANSFER KIT, FLOW TECHNOLOGY, INC. MODEL FT-AFS-4-CF AND ANADEX INSTRUMENTS, INC. MODEL CF-604-6-8175Q

HEADQUARTERS, DEPARTMENT OF THE ARMY

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DEPARTMENT OF THE ARMY
WASHINGTON, DC, *28 September 1973*

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST:

FLOW TRANSFER KIT, FLOW TECHNOLOGY MODEL FT-AFS-4-CF MIS 10391 (NSN 4931-00-168-9879)

			Page
SECTION	I.	GENERAL DESCRIPTION	
		0. Introduction	1-1
		1.0 Description of Flow Transfer Kit	1-2
		1.1 Specifications	1-4
		1.2 Application Notes	1-14
		1.3 Flowmeter Kit Description	1-20
		1.4 MIS-10391A Specifications	1-21
		1.5 General	1-22
		1.6 Pickoff and Electrical Connections	1-23
		1.7 End Connections	1-23
		1.8 Flowmeter Dimensions	1-23
		1.9 Straightener Specifications	1-24
		1.10 Case Specifications	1-24
		1.11 Materials	1-25
		1.12 Torque	1-25
	II.	INSTALLATION	
		2.1 Physical	2-1
		2.2 Electrical	2-1
	III.	OPERATION	
		3.1 Capabilities	3-1
		3.2 Mode Selection	3-1
		3.3 Operational Modes	3-1
		3.4 BCD Printer Output	3-14
		3.5 Flow Indicator Kit Description	3-15
	IV.	MAINTENANCE AND OPERATION	
		4.0 Installation Instruction	4-1
		4.1A Set Up of Flow Indicator	4-3
		4.1B Operation	4-5
		4.1C Inspection and Maintenance	4-6
		4.1D Ball Bearing Replacement	4-7
		4.1 Calibration	4-10
		4.2 Theory of Operation	4-10
		4.3 Troubleshooting	4-22
	V.	PPB NUMERICAL INDEX FOR UNIT CF-604-8175Q	5-1
	VI.	PARTS LIST	
		6.1 Ordering Information	6-1
		6.2 Parts List for MIS-10391A	6-2
		6.3 1 Year Provisional Requirements	6-3
		6.4 Parts List for Flow Indicator	6-4
	VII.	REPAIR PARTS AND SPECIAL TOOLS LISTS	7-1
APPENDIX	A.	REFERENCES	A-1
	B.	BASIC ISSUE ITEMS AND ITEMS TROOP INSTALLED OR AUTHORIZED LIST	B-1
	C.	MAINTENANCE ALLOCATION	C-1
	D.	CHARACTERISTICS IN LIQUID SERVICE	D-1
	E.	LIQUID FLOW MEASUREMENTS AND CAPABILITIES OF THE SECONDARY TRANSFER TEAMS USING TURBINE FLOWMETERS	E-1

LIST OF ILLUSTRATIONS

Diagrams		Page
Chassis Interconnection Diagram	#0100-5097-03A	4-23
Schematic, Input Amplifier	#0102-5000-03	4-25
Schematic, Logic Amplifier	#0102-5139-04A	4-27
Schematic, Remote Programming	#0102-5140-00	4-29
Schematic, Totalizer	#0104-5033-99	4-31
Schematic, Power Supply Regulator	#0102-5037-03	4-32
Schematic, Transformer	#0103-5005-04	4-33
Component Board, Input Amplifier	#1700-5000-03	4-34
Component Board, Logic	#1700-5139-04A	4-35
Component Board, Remote Programming	#1700-5140-00A	4-36
Component Board, Totalizer	#1704-5033-99	4-37
Component Board, Power Supply Regulator	#1700-5037-03	4-38
Component Location	#0100-5097-01	4-39
Amplifier-Demodulator	#C31188	4-41

Figure	Title	Page
1	Flowmeter Kit	1-2
2	Flow Indicator Kit	1-3
3	Flowmeter Parts Layout	1-20
4	General Configuration Flowmeter	1-22
4-1	Timing Diagram	4-19
4-2	Z8 and Z9 Truth Table	4-19
5	Flowmeter Dimensions	1-23
6	Straightener Specifications	1-24
7	Flow Indicator Parts Layout	3-15
8	Test Set Up	4-2
9	Wiring Diagram	4-4
10	Rotor Marking	4-7
11	Complete Disassembly-1" Flow Transducer	4-8
12	Complete Disassembly--1/2" Flow Transducer	4-9
13	Viscosity Drag	D-2
14	Differential Pressure-Curve	D-2
15	Universal Viscosity Curve	D-3

Section I
GENERAL DESCRIPTION

0. INTRODUCTION

0.1. SCOPE

0.2. This manual includes installation and operation instructions and covers organizational, direct support (DS) and general support (GS) maintenance. It describes Flow Transfer Kit, Flow Technology, Inc. Model FT-AFS-4-CF and Anadex Instruments, Inc. Model CF-604-6-8175Q.

0.3. The basic issue items list for this manual is listed in Appendix B.

0.4. INDEXES OF PUBLICATIONS

0.5. *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.

0.6. *DA Pam 310-7*. Refer to DA Pam 310-7 to determine whether there are Modification Work Orders (MWO's) pertaining to the equipment.

0.7. FORMS AND RECORDS

0.8. *Reports of Maintenance and Unsatisfactory Equipment.* Use equipment forms and records in accordance with instructions given in TM 38-750.

0.9. *Report of Packaging and Handling Deficiencies*. Fill out and forward DD Form 6 as prescribed in AR 700-58 (Army), NAVSUP Pub 378 Navy), AFR 71-4 (Air Force), and MCO P4030.29 (Marine Corps).

0.10. *Discrepancy in Shipment Report*. Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38 (Army), NAVSUP Pub 459 (Navy), AFM 75-34 (Air Force), and MCO P3610.19 (Marine Corps).

0.11. *Reporting of Errors.* The reporting of errors, missions, and recommendations for improving this manual is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications), and forwarded direct to Commander, US Army Missile Command, ATTN: AMSMI-MFM, Redstone Arsenal, AL 35809.

1.0 DESCRIPTION OF FLOW TRANSFER KIT

The Flow Transfer Kit provided under MIS-10391A consists of two cases which contain the flowmeter and flow indicator units and a small shipping case to be used for transporting flowmeters between the using activity and the calibrating agency.

The Flowmeter Kit, Figure 1, contains the flowmeter and accessory equipment to set up the test installation.

-NOTE-

This flow equipment meets hazardous location service requirements provided flow indicator is removed to a safe area.

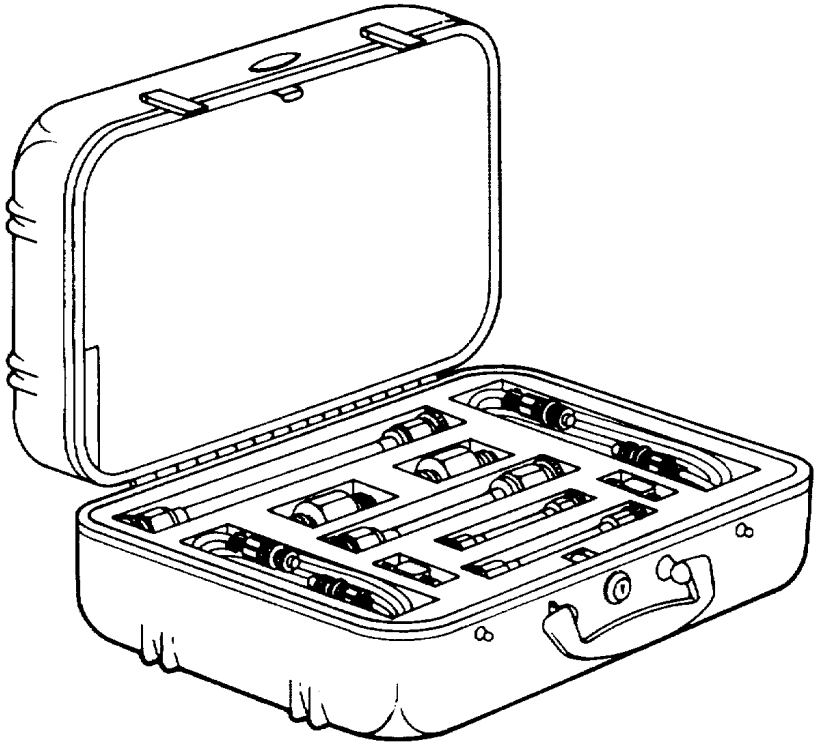

FIGURE 1. FLOWMETER KIT.