

ELLIOTT

9000

Volume 4: ENGINEERING MAINTENANCE

Part 4: PERIPHERAL EQUIPMENT

Section 1: 9 Kc/s MAGNETIC TAPE (DPA 341, 342, 343 and 344)

CONTENTS

As an interim measure, this section contains In-Text Figures A and B, Appendices 1 to 4 inclusive and End-of-Text Figures. The remaining text will be published at an early date.

IN-TEXT FIGURES

	Fig.
9Kc/s Magnetic Tape Controller - General View and Component Table	A
Logic Board Components	B

TEST PROGRAMS

Appendix 1: 9 Kc/s Magnetic Tape Test Program XTM 70
Appendix 2: 9 Kc/s Magnetic Tape Test Program XTM 71
Appendix 3: 9 Kc/s Magnetic Tape Test Program XTM 72
Appendix 4: 9 Kc/s Magnetic Tape Test Program XTM 73

END-OF-TEXT FIGURES

	Fig.
Address Decoding..	1
Crystal-Controlled Timer	2
Main Counter Control and Count Zero Decode	3
Main Counter	4
K Counter and Decode	5
Control Write and Prepare Sequence Control..	6
Backspace and Erase (E1-E4) Sequence Control..	7
Read Check and End of Block (EB1-5) Sequence Control	8
End of Block (EB6,7), Write (W10-12) and Enough Sequence Control..	9
Write Sequence (W1-9, W13) Control	10
Read Sequence Control	11
Run, Forward/Reverse, Read and Write Permit and Character Counter	12
Write Data Transfer	13
X and Y Registers - Bits 1, 7, 13 (B12-DP302)	14
X and Y Registers - Bits 2, 8, 14 (B13-DP302)	15
X and Y Registers - Bits 3, 9, 15 (B14-DP302)	16
X and Y Registers - Bits 4, 10, 16 (B15-DP302)	17
X and Y Registers - Bits 5, 11, 17 (B16-DP302)	18
X and Y Registers - Bits 6, 12, 18 (B17-DP302)	19
Control Word Decode and Rewind Control..	20
Production of Resets	21
MDT (Status 3), Reply and Interrupt	22
Read Buffers and Parity Checks	23
Status Signals (1, 2, 5-10) and Controller Busy	24
Power Supply Switching	25
Test Logic and Crystal Clock Pulse Generator	26