

CONTENTS

PAGE

Foreword	i
Distribution List.	ii
Record of Changes.	iii
1-4-1D Signalling Code.	1
1-4-2D Half Duplex TTY Circuit.	2
1-5-1D Terminology #1	3
1-5-2D Terminology #2	4
1-5-3D Terminology #3	5
1-5-4D Terminology #4	6
1-5-5D Terminology #5	7
1-6-1D Gear Power Train	8
1-6-2D Internal Expansion Clutch.	9
2-1-1D Main Shaft and Selector Cam Sleeve Assembly.	10
2-1-2D Selector Clutch Trip Mechanism	11
2-1-3D Range Finder Operation	12
2-1-4D Selecting Mechanism.	13
2-1-5D Selection (Marking).	14
2-1-6D Selection (Spacing).	15
2-1-7D Transfer Mechanism (Marking)	16
2-1-8D Transfer Mechanism (Spacing)	17
2-1-9D Push Lever Reset	18
2-1-10D Common Transfer Lever.	19
2-1-11D Code Bar Clutch Trip	20
2-1-12D Code Bar Shift Mechanism #1.	21
2-1-13D Code Bar Shift Mechanism #2.	22
2-2-1D Clutch Trip Shaft.	23
2-2-2D Configuration of the Typebox	24
2-2-3D Type Box Clutch.	25
2-2-4D Vertical Positioning	26
2-2-5D Vertical Positioning Lock Levers	27
2-3-1D Reversing Slide.	28
2-3-2D Horizontal Positioning	29
2-3-3D Horizontal Positioning Lock Lever.	30
2-3-4D Horizontal Motion Stop Slides.	31
2-3-5D Horizontal Motion Stop Slides Positioning.	32
2-3-6D Ribbon Oscillation	33
2-3-7D Ribbon Feed.	34
2-3-8D Ribbon Reverse	35
2-3-9D Spacing Trip Mechanism	36
2-3-10D Spacing Feed Pawls	37
2-3-11D Spacing Mechanism #1	38
2-3-12D Spacing Mechanism #2	39
2-3-13D Spacing Cut-Out.	40

CONTENTS (continued)

	<u>PAGE</u>	
2-4-1D	Printing Mechanism	41
2-4-2D	Reset Bail (initial position).	42
2-4-3D	Reset Bail (final position).	43
2-4-4D	Stripper Blade	44
2-4-5D	Carriage Return Mechanism #1	45
2-4-6D	Carriage Return Mechanism #2	46
2-4-7D	Local Carriage Return.	47
2-4-8D	Spacing Suppression.	48
2-4-9D	Signal Bell Function	49
2-4-10D	Letters/Figures Shift Slides	50
2-4-11D	Figures Shift.	51
2-4-12D	Letters Shift.	52
2-4-13D	Double Line Feed	53
2-4-14D	Line Feed Function	54
2-4-15D	Line Feed Mechanism.	55
2-4-16D	Single Line Feed	56
2-4-17D	Local Line Feed.	57
2-4-18D	Manual Line Feed	58
2-4-19D	Automatic Line Feed on Carriage Return	59
2-4-20D	Universal Mechanism.	60
2-4-21D	Automatic Carriage Return and Line Feed.	61
2-4-22D	Remote Keyboard Lock Function.	62
2-4-23D	Lockbar Mechanism.	63
3-1-1D	Lockball Mechanism	64
3-1-2D	Keyboard Mechanism #1.	65
3-1-3D	Keyboard Mechanism #2.	66
3-1-4D	Signal Generator Clutch Trip	67
3-1-5D	Code Bar Selection	68
3-1-6D	Transfer Lever Mechanism	69
3-1-7D	Locking Bail	70
3-1-8D	Signal Contact Box (Marking)	71
3-1-9D	Signal Contact Box (Spacing)	72
3-1-10D	Keyboard Reset #1.	73
3-1-11D	Keyboard Reset #2.	74
3-1-12D	Disengaging Signal Generator Clutch.	75
3-1-13D	Clutch Trip Delay.	76
3-1-14D	Repeat Key Operation	77
3-1-15D	Line Break Mechanism	78
3-1-16D	Local Keyboard Lock.	79
3-1-17D	Keyboard Unlock.	80
3-1-18D	Character Counter (Counting)	81
3-1-19D	Character Counter (Resetting).	82
4-1-1D	Blocking Bail Operation.	83
4-1-2D	Bell Crank Operation	84
4-1-3D	Keyboard Control Selection Lever (K-KT).	85

CONTENTS (continued)	<u>PAGE</u>
4-1-4D Keyboard Control Selection Lever (T)	86
4-1-5D Perforator Function Clutch Trip.	87
4-1-6D Punch Slide Reset Bail	88
4-1-7D Punch Mechanism #1	89
4-1-8D Toggle Bail Operation.	90
4-1-9D Punch Mechanism #2	91
4-2-1D Tape Feed and Feed hold Spacing.	92
4-3-1D Positioning Push Bars (Marking).	93
4-3-2D Positioning Push Bars (Spacing).	94
4-3-3D No. 5 Pulse Beam	95
4-3-4D Typewheel.	96
4-3-5D Operating Blade.	97
4-3-6D Axial Positioning #1	98
4-3-7D Axial Positioning #2	99
4-3-8D Axial Correcting	100
4-3-9D Rotary Positioning	101
4-3-10D Cross Link Operation	102
4-3-11D Rotary Correcting.	103
4-3-12D Function Blade Sensing	104
4-3-13D Toggle Link Operation.	105
4-3-14D Letters/Figures Shift #1	106
4-3-15D Letters/Figures Shift #2	107
4-4-1D Printing Mechanism	108
4-4-2D Ribbon Oscillation	109
4-4-3D Ribbon Feed.	110
4-4-4D Ribbon Reverse	111
4-4-5D Power Drive Backspace.	112
4-5-1D Reperforator Selector Mechanism.	113
4-5-2D Reperforator Function Clutch Trip.	114
5-1-1D TD Clutch Trip	115
5-1-2D TD Tape Feed	116
5-1-3D TD Tape Feed (Rear View)	117
5-1-4D Tape Sensing (Mark)	118
5-1-5D Tape Sensing (Space)	119
5-1-6D Transfer Bail Stabilizer Mechanism	120
5-1-7D Start/Stop Mechanism and Tape Out Sensing	121
5-1-8D Tight or Tangled Tape	122
6-2-1D AC Circuits (AN/UGC-6K)	123
6-3-1D DC Circuits (AN/UGC-6K)	124
6-4-1D AC and DC Circuits of Reperforator	125
6-5-1D SMD Block Diagram	126
6-6-1D Teletype Panel Block Diagram	127
7 1-1D Teletype Distortion.	128
8-2-1D Codebar Mechanism	129

CONTENTS (continued)	<u>PAGE</u>
8-2-2D Universal Mechanism.	130
8-2-3D Contact Mechanism.	131
8-2-4D Reset Mechanism #1	132
8-2-5D Reset Mechanism #2	133
8-2-6D Repeat Mechanism	134
8-2-7D Line Break Mechanism	135
8-2-8D Local Line Feed.	136
8-2-9D Local Carriage Return.	137
8-2-10D Distributor Cam Sleeve	138
8-2-11D Distributor Clutch Trip Mechanism.	139
8-2-12D Distributor Mechanism.	140
8-2-13D 3 Speed Gear Mechanism	141
8-3-1D AC Circuits (AN/UGC-20).	142
8-3-2D DC Circuits (AN/UGC-20).	143
Location of Electrical Componenets	
Cabinet	144
Automatic Typer and T.D..	145
Keyboard.	146
Upper ESU	147
Reperforator and Lower ESU.	148