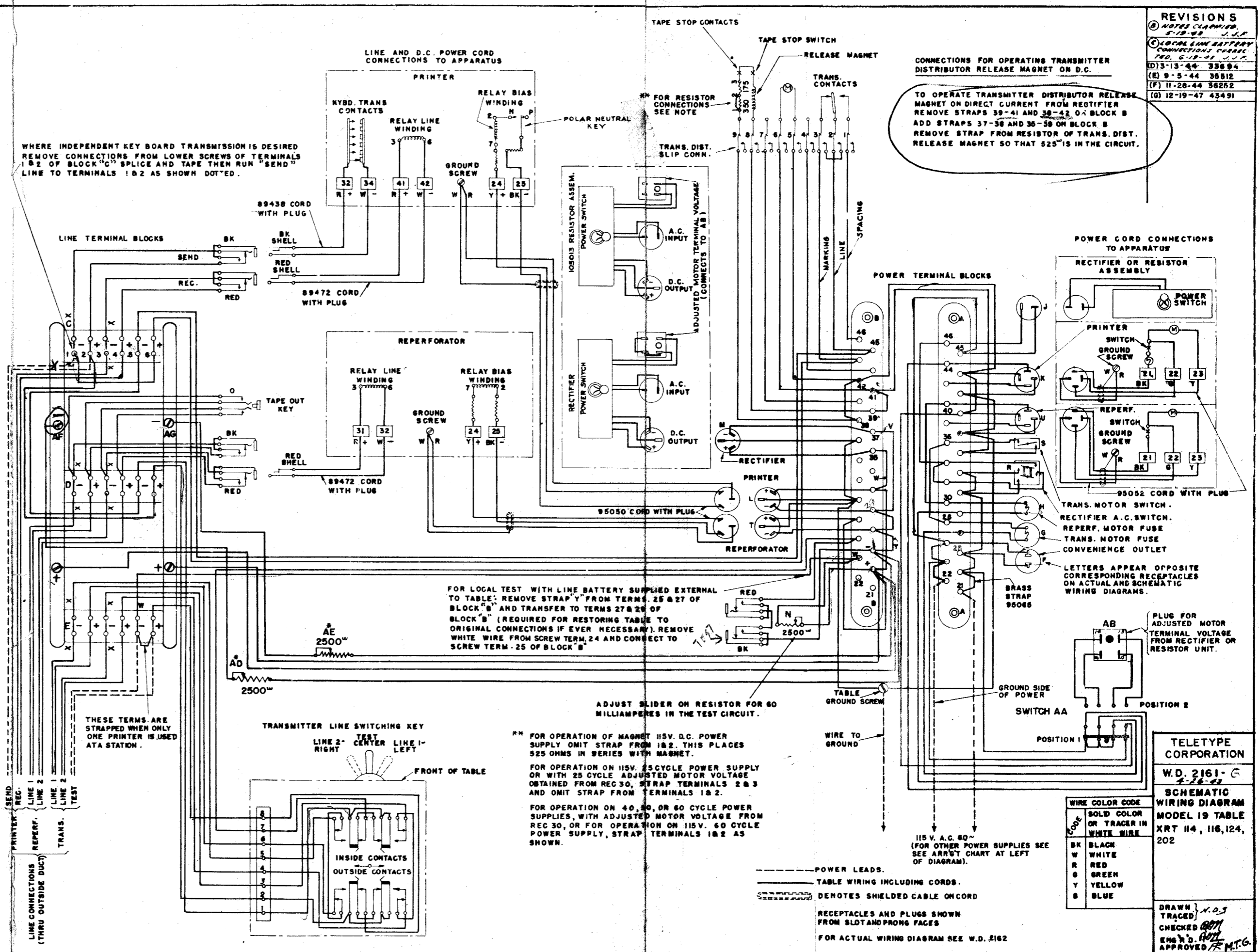


TABLE CONNECTION INSTRUCTIONS				
(THIS TABULATION COVERS USE OF THE XRT 116 TABLE WITH POWER SUPPLIES OF VARIOUS VOLTAGES & FREQUENCIES)				
NOTE: WIRING SHOWN TO THE RIGHT IS TO BE USED AS A STARTING POINT IN MAKING CONNECTIONS TABULATED BELOW				
TYPE OF MOTOR	POWER SUPPLY	POWER ACCESSORY	INSTRUCTIONS	ARR. GT. NO.
110 V. A.C.	115 V. A.C. REGULATED 60 CYCLES ONLY	REC-13 RECTIFIER	THROW SWITCH AA DOWN TO POSITION 1. CONNECT A.C. POWER LEADS AS SHOWN.	1
	115 V. A.C. REGULATED 60 CYCLES AND 115 V. D.C.	NONE REQUIRED	THROW SWITCH AA DOWN TO POSITION 1. CONNECT A.C. POWER LEADS AS SHOWN. MOVE UPPER END OF STRAP V ON BLOCK B FROM TERMINAL 37 TO 22, AND MOVE UPPER END OF STRAP W FROM TERMINAL 35 TO 21. CONNECT 115 V. D.C. POWER LEADS TO TERMINALS 21 AND 22 ON BLOCK B, PLUS - TO BE CONNECTED TO TERMINAL 21; MINUS- TO BE CONNECTED TO TERMINAL 22.	2
60 CYCLES SYNCHRONOUS	90 TO 130 V. A.C. OR 180 TO 260 V. A.C. REGULATED 60 CYCLES ONLY	REC-30 RECTIFIER	THROW SWITCH AA UP TO POSITION 2. OPEN RECTIFIER DOOR AND CONNECT VOLTAGE TERMINAL WIRE TO TAP NEAREST VOLTAGE OF POWER SOURCE, AND CONNECT FREQUENCY TERMINAL WIRE TO THE 60 CYCLE TAP. SPECIFICATION S-5387, WHICH IS SUPPLIED WITH THE RECTIFIER, CONTAINS A MORE DETAILED DESCRIPTION OF THE TERMINAL ARRANGEMENT PROVIDED ON THE RECTIFIER. CONNECT A.C. POWER LEADS AS SHOWN.	3
110 V. 60 CYCLES A.C. SERIES	90 TO 130 V. A.C. OR 180 TO 260 V. A.C. 25, 40, 50 60 CYCLES.	REC-30 RECTIFIER	THROW SWITCH AA UP TO POSITION 2. OPEN RECTIFIER DOOR AND CONNECT THE VOLTAGE TERMINAL WIRE TO THE TAP NEAREST THE VOLTAGE OF THE POWER SOURCE, AND CONNECT THE FREQUENCY TERMINAL WIRE TO THE TAP NEAREST TO THE FREQUENCY OF THE SOURCE. SPECIFICATION S-5387, WHICH IS SUPPLIED WITH THE RECTIFIER, CONTAINS A MORE DETAILED DESCRIPTION OF THE TERMINAL ARRANGEMENT PROVIDED ON THE RECTIFIER. CONNECT A.C. POWER LEADS AS SHOWN.	4
	GOVERNED	115 V. A.C. REGULATED 60 CYCLES ONLY	REC-13 RECTIFIER	CONNECTIONS ARE SAME AS FOR ARRANGEMENT 1.
	115 V. A.C. REGULATED 60 CYCLES AND 115 V. D.C.	NONE REQUIRED	CONNECTIONS ARE SAME AS FOR ARRANGEMENT 2.	6
110 V. D.C. SHUNT	115 V. D.C. - GRD. + UNGRD.	NONE REQUIRED	THROW SWITCH AA DOWN TO POSITION 1. CONNECT 115 V. D.C. POWER LEADS TO TERMINALS 21 AND 22 ON BLOCK A, + TO 21 AND - TO 22. MOVE UPPER END OF STRAP V FROM 37 ON BLOCK B TO 22 ON BLOCK A, AND MOVE UPPER END OF STRAP W FROM 35 ON BLOCK B TO 21 ON BLOCK A.	7
	115 V. D.C. + GRD. - UNGRD.	NONE REQUIRED	THROW SWITCH AA DOWN TO POSITION 1. CONNECT 115 V. D.C. POWER LEADS TO TERMINALS 21 AND 22 ON BLOCK A, - TO 21 AND + TO 22. MOVE UPPER END OF STRAP V FROM 37 ON BLOCK B TO 22 ON BLOCK A, AND MOVE UPPER END OF STRAP W FROM 35 ON BLOCK B TO 21 ON BLOCK A.	8

RTTY ELECTRONICS  
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\*NOTE:  
TO INSERT BATTERY IN ANY ONE OF THE LINES ENTERING THE TABLE PROCEED AS FOLLOWS:  
REMOVE THE TWO WIRES (MARKED X) OF ANY DESIRED LINE FROM THEIR RESPECTIVE TERMINALS ON BLOCKS C, D, OR E.  
CONNECT THE WIRE REMOVED FROM THE UPPER TERMINAL OF BLOCKS C, D, OR E TO THE NEGATIVE TERMINAL (UPPER) OF CONNECTION STRIP AF. CONNECT THE WIRE REMOVED FROM THE LOWER TERMINAL OF BLOCKS C, D, OR E, TO THE POSITIVE TERMINAL (LOWER) OF CONNECTION STRIP AF. ADJUST THE 2500 OHM RESISTOR AD TO PROVIDE A LINE CURRENT OF 60 MILLIAMPERES.  
IF IT IS DESIRED TO PROVIDE LINE BATTERY IN A SECOND LINE, THE SAME PROCEDURE MAY BE APPLIED, USING CONNECTION STRIP AG, AND RESISTOR AE.

EQUIPMENT	LOCATION OF FUSETRON	RECOMMENDED FUSETRON PROTECTION		
		MOTOR DRIVE		
		110V. A.C. 50-60 SYNCHRONOUS	110V. A.C. 60 CYCLES SERIES GOVERNED	110V. D.C. GOVERNED
PRINTER	ON PTR. BASE	3.2 AMPERES	1.60 AMPERES	.8 AMPERES
TRANS. DIST.	G	3.2 AMPERES	1.25 AMPERES	.6 AMPERES
REPERFORATOR	H	3.2 AMPERES	1.40 AMPERES	.6 AMPERES



REVISIONS	
2	NOTES CLARIFIED. 5-19-49 J.J.P.
3	LOCAL LINE BATTERY CONNECTIONS CORRECT. 7-12-49 J.J.P.
4	D13-13-44 33694
5	(E) 9-5-44 36512
6	(F) 11-28-44 36252
7	(G) 12-19-47 43491

CONNECTIONS FOR OPERATING TRANSMITTER DISTRIBUTOR RELEASE MAGNET ON D.C.

TO OPERATE TRANSMITTER DISTRIBUTOR RELEASE MAGNET ON DIRECT CURRENT FROM RECTIFIER REMOVE STRAPS 39-41 AND 38-42 ON BLOCK B ADD STRAPS 37-38 AND 36-38 ON BLOCK B REMOVE STRAP FROM RESISTOR OF TRANS. DIST. RELEASE MAGNET SO THAT 525 OHMS IS IN THE CIRCUIT.

WIRE COLOR CODE	CODE
SOLID COLOR OR TRACER IN WHITE WIRE	
BK	BLACK
W	WHITE
R	RED
G	GREEN
Y	YELLOW
B	BLUE