

LEGEND
SPECIFIED VALUE OF NUMBERED COMPONENTS

POWER P.C. BOARD A

- C1 .47 MFD
- C2 .047 MFD
- C3 .047 MFD
- D1 1 A
- D2 1 A
- D3 16 A
- D4 16 A
- TP1 TRANSIENT PROTECTION
- TP2 TRANSIENT PROTECTION
- SCR1 8A, 400V.
- SCR2 8A, 400V.

CONTROL P.C. BOARD *

- C1 1.8 MFD
- C2 50 MFD
- C3 .047 MFD
- C4 .1 MFD
- C5 .047 MFD
- C6 10 MFD
- D1 3 A
- D2 1 A
- D5 1 A
- D6 1 A
- R1 39KΩ
- R2 2.7KΩ
- R3 10KΩ
- R4 4.7KΩ
- R5 2.2KΩ
- R6 10KΩ TRIMMER
- R7 68KΩ
- R8 47KΩ
- R9 47KΩ
- R10 1KΩ
- R11 100KΩ
- R12 1KΩ
- R16 15KΩ
- R17 15KΩ

- Q1 2N4062
- Q2 2N3393
- Q3 UJT
- T1 1:1:1
- Z1 20 V, 1WATT

COMPONENTS NOT ON P.C. BOARDS □

- C1 .15 MFD
- L1 CHOKE
- R13 10Ω
- R14 27Ω
- R15 5KΩ POTENTIOMETER
- R18 2Ω
- R19 2Ω

ICR MAIN RELAY
2CR REED SWITCH RELAY
(OPERATED BY DYNAMIC BRAKE CURRENT)

AUSTRALIA 3-85 CANADA FRANCE ARMCO

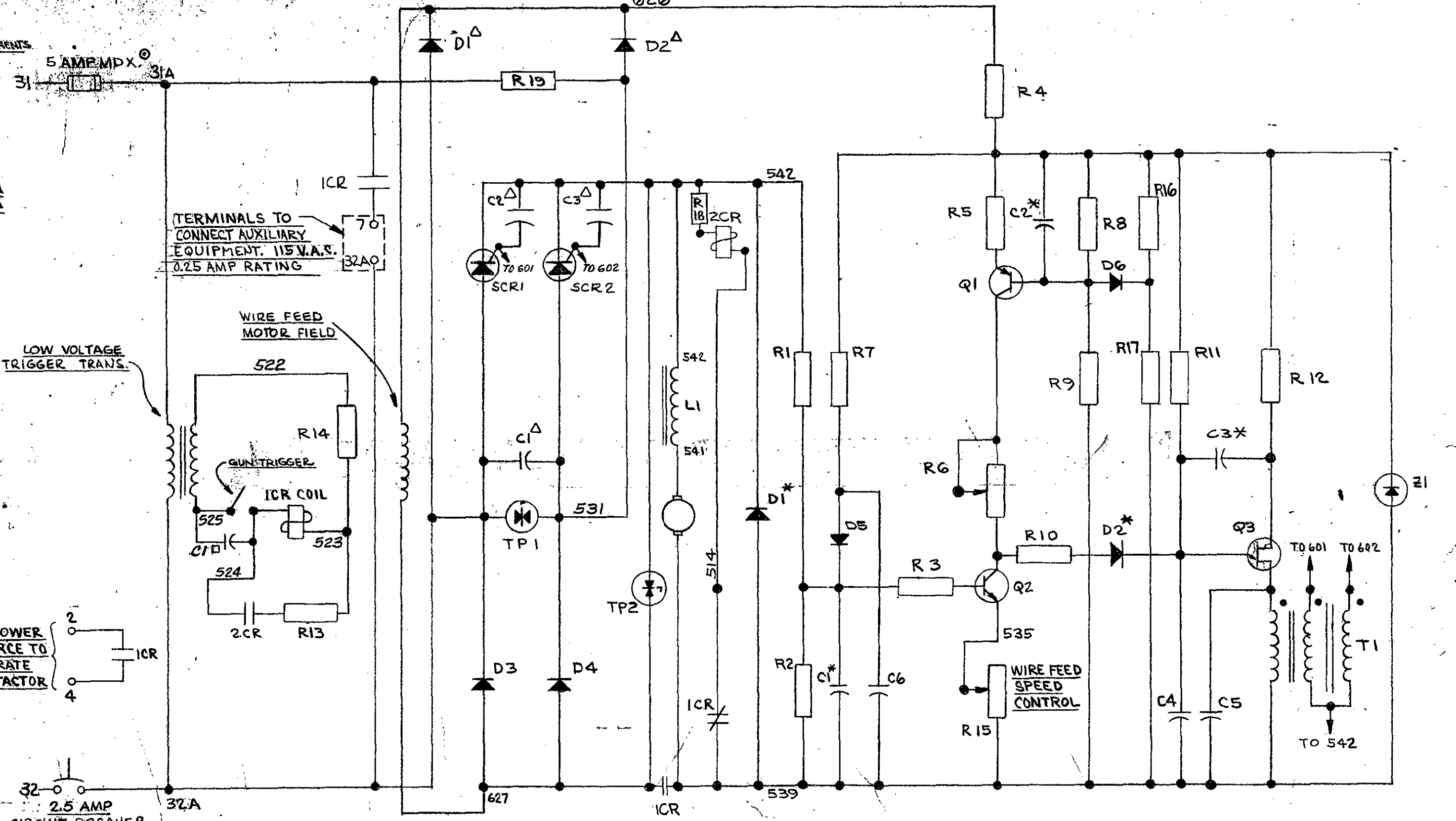
TERMINALS TO CONNECT AUXILIARY EQUIPMENT, 115 V.A.C., 0.25 AMP RATING

LOW VOLTAGE TRIGGER TRANS.

WIRE FEED MOTOR FIELD

TO POWER SOURCE TO OPERATE CONTACTOR

2.5 AMP CIRCUIT BREAKER



⊙ MAY BE REPLACED WITH A 5 AMP 125 V OR 250 V SLO-BLO FUSE

A.S.A. ELECTRICAL SYMBOLS PER E-1537

UNLESS OTHERWISE SPECIFIED TOLERANCE
ON 2 PLACE DECIMALS IS ± .02
ON 3 PLACE DECIMALS IS ± .002
ON ALL ANGLES IS ± .5 OF A DEGREE
MATERIAL TOLERANCE ("Y") TO AGREE
WITH PUBLISHED STANDARDS

THE LINCOLN ELECTRIC CO.
CLEVELAND, OHIO U.S.A.
DATE 9-20-71 SCALE

10-15-71A			
1-26-73			
8-22-75D			

TYPE LN-7
SUBJECT OPERATING SCHEMATIC
SUP'S'D DRG M-12131 DR. TJP CHK. SHEET NO. M-12353