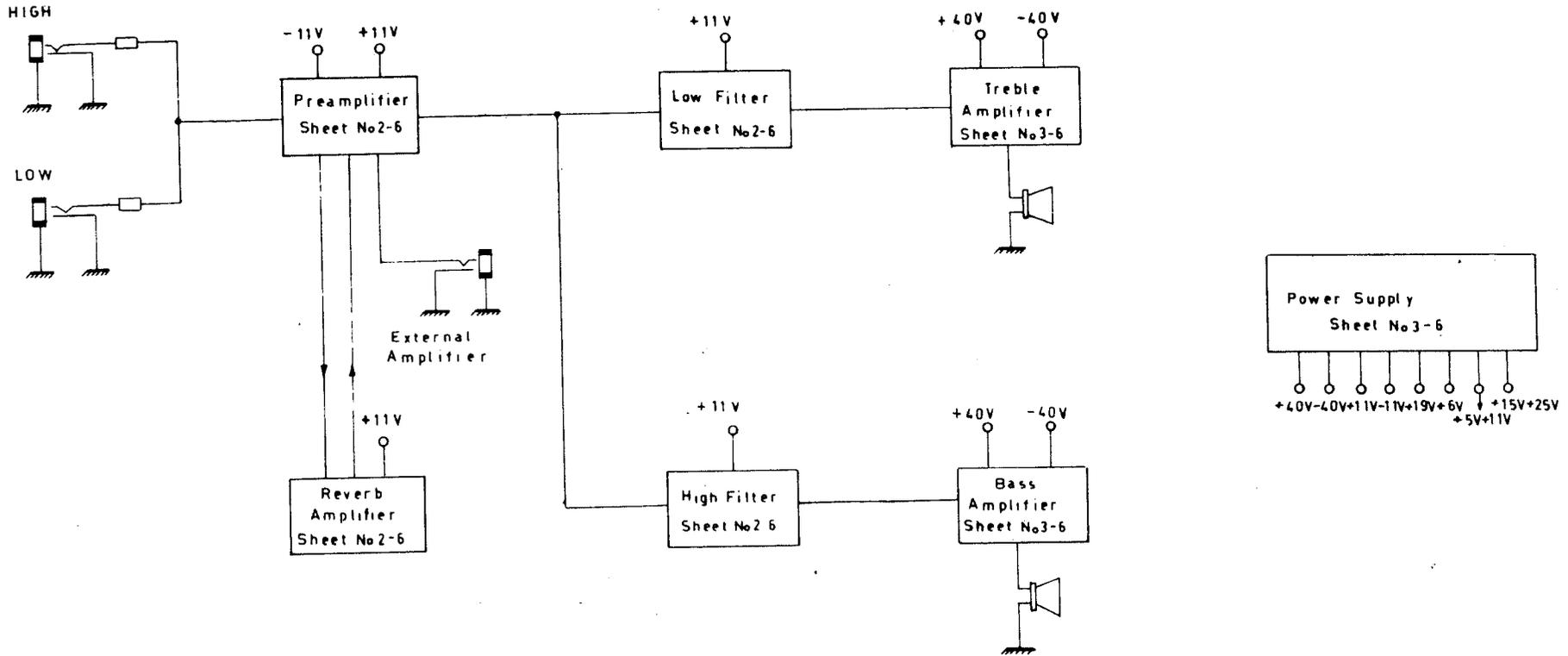


ELKA

ELKATONE

615

schematic diagrams

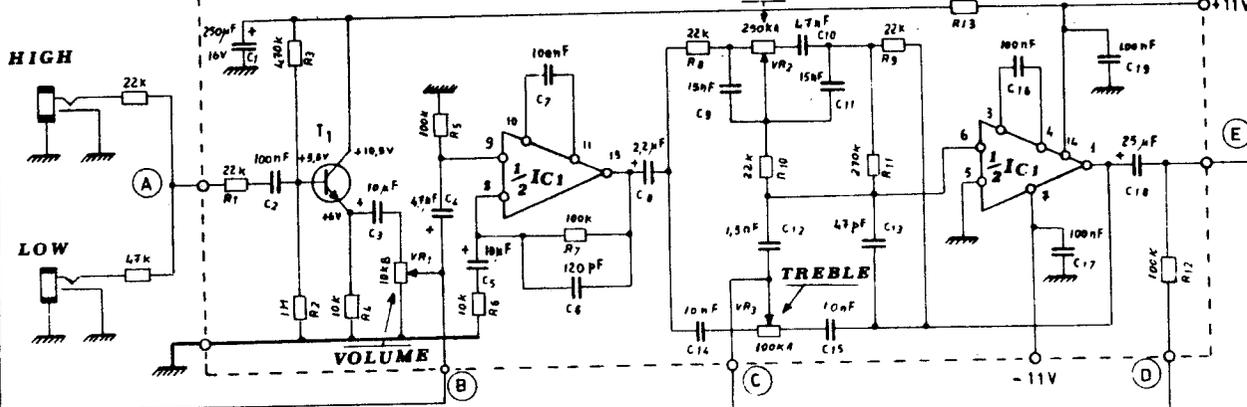


Designed by
Kono Vito Li

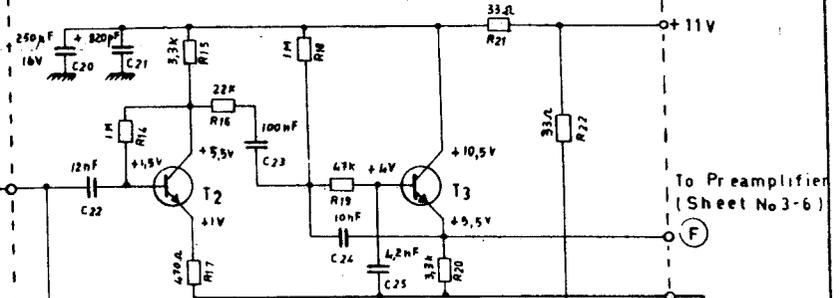
Drawn by Checked by

	Model	Object:	Sheet No1-6
	Elkatone 615	Block Diagram	Date 10-10-74

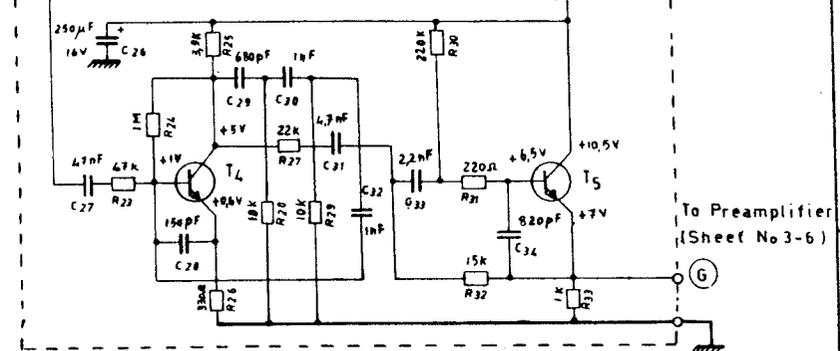
PREAMPLIFIER 300-3 (Sheet No 4-6)



LOW PASS FILTER



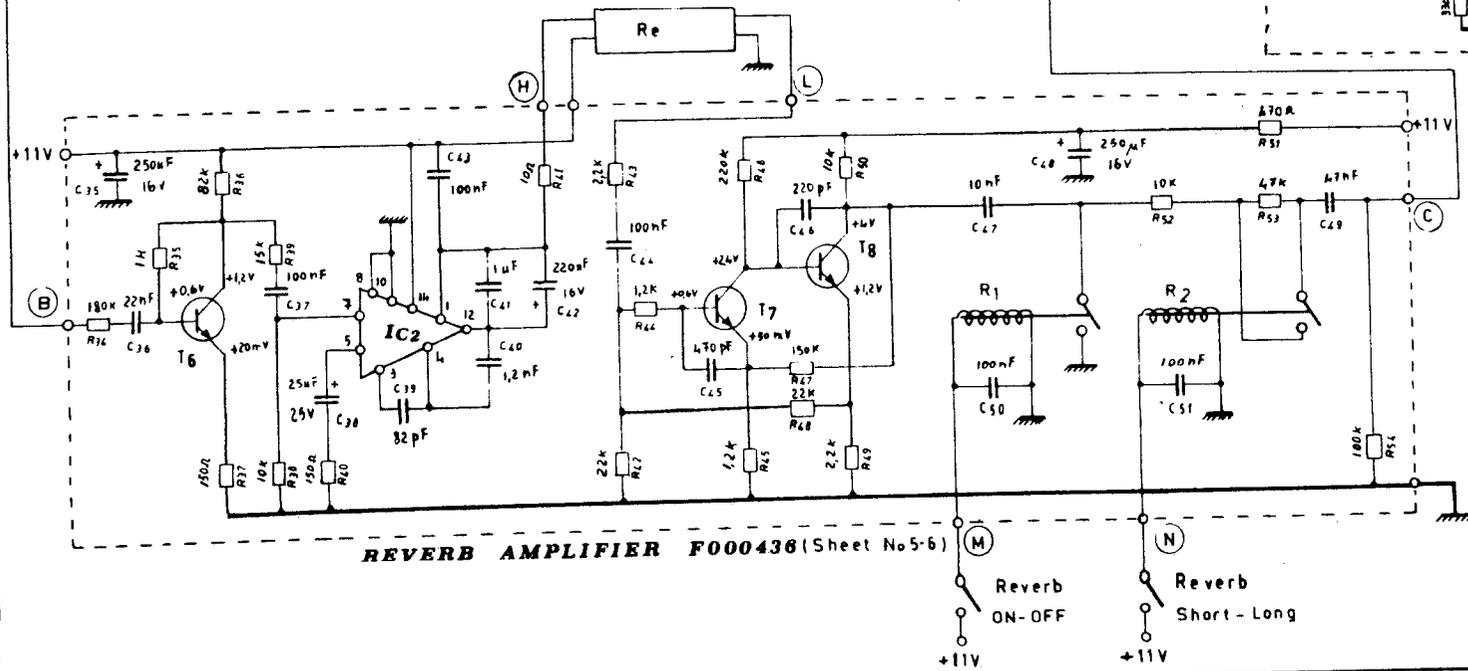
HIGH PASS FILTER



IC₁ = FU6A7739393 Fairchild or TBA 231 S.G.S.
 IC₂ = TAA 611A12 S.G.S.
 Re = Reverb Unit, Hammond type
 R₁ = R₂ = 1005. 1125. 1012. ARCO

External Amplifier

REVERB AMPLIFIER F000436 (Sheet No 5-6)

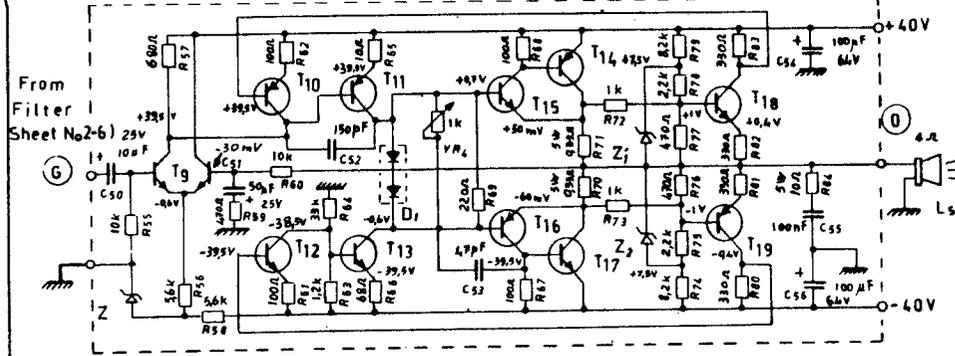


Code	Type	Transistors
T ₁ ÷ T ₈	NPN	MPS A09 Motorola

- Notes
- 1) All Resistors are 1/2 W contrary orders excepted
 - 2) Tabswitches shown in off position

	Model	Object:	Sheet No 2-6
	Elkatone 615	Preamplifier Reverb Amplifier and Filters	Date 10-10-74

TREBLE AMPLIFIER 300-2 (Sheet No 5-6)



Code	Type	Transistors
T9	NPN	MD 8002
T10	PNP	MPSA 70 Motorola
T11-T16	PNP	MPSU 56 Motorola
T12	NPN	MPSA 20 Motorola
T13-T15	NPN	MPSU 06 Motorola
T14	PNP	MJ4502 Motorola
T17	NPN	MJ802 Motorola
T18	NPN	MPSL01 Motorola
T19	PNP	MPSL51 Motorola
T20-T23	NPN	2N3055 Fairchild-Mistral
T29		
T21-T22	NPN	TIP 29A-BD239A Texas
T24-T25		
T26	NPN	BC 286 SGS
T27-T30	NPN	MPSU A09 Motorola
T28-T31		

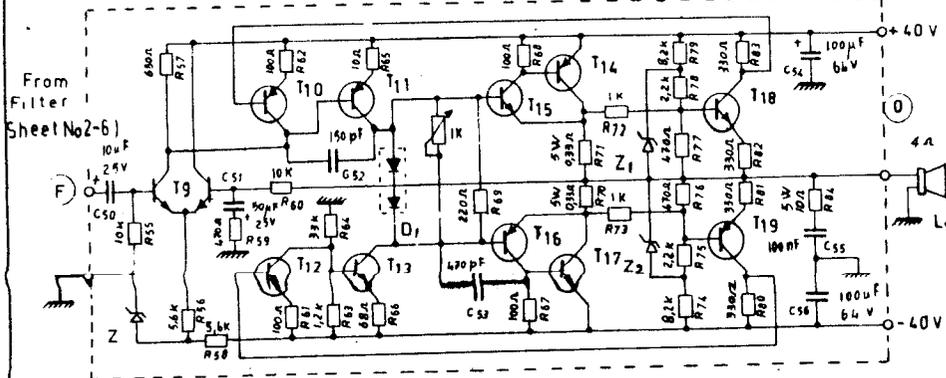
D₁ = MZ 23 61
 Z = 1N 524 0
 Z₁ = 1N 523 6
 Z₂ = 1N 523 6

M = Eika EM/315-
 L_s = Eika EC/862-2
 TW 100/L

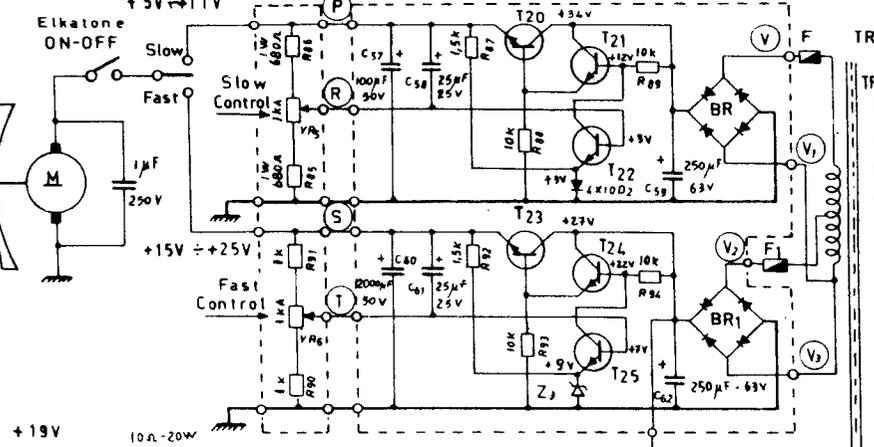
Notes:
 1) All Resistors are 1/2 W
 contrary orders excepted
 2) Tabswitches shown in off position

M₁ = Eika EM/315
 L_{s1} = Eika EC/862-5
 PW/38/2000 X

BASS AMPLIFIER 300-2 (Sheet No 5-6)



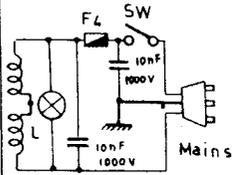
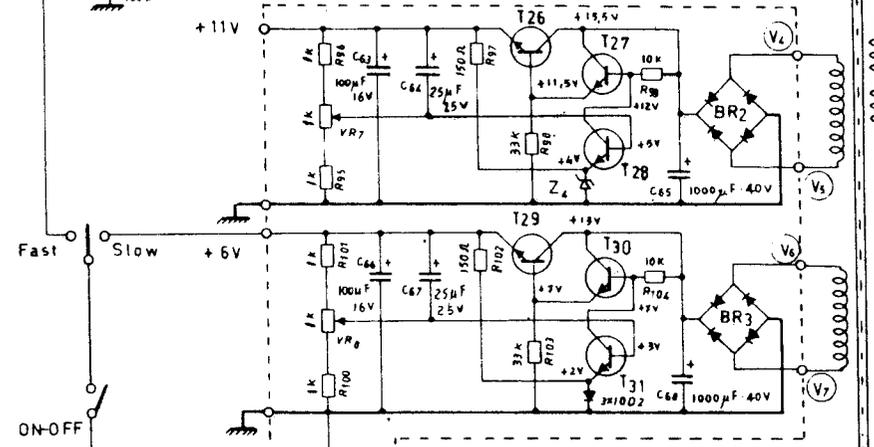
AMP 5 POWER SUPPLY F000437 (Sheet No 6-6)



TR = Transformer Q55 Elka
 BR = BS B2 I.T.T.
 BR₁ = BS B2 I.T.T.
 BR₂ = W02 G.I.E.
 BR₃ = W02 G.I.E.
 BR₄ = 4 x 40HF 20

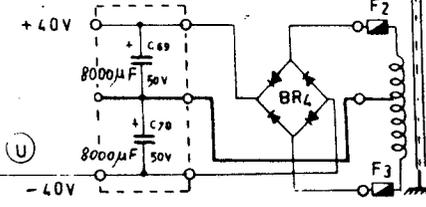
Z₁ = TZ 9,1
 Z₄ = TZ 4731
 Z₅ = TZ 111

POWER SUPPLY F000434



F = Fuse 2A
 F₁ = Fuse 2A
 F₂ = Fuse 6,3 A
 F₃ = Fuse 6,3 A
 F₄ = Fuse 6,3 A
 SW = Elka EC/800
 L = 220V-1W Teknik
 EC/818

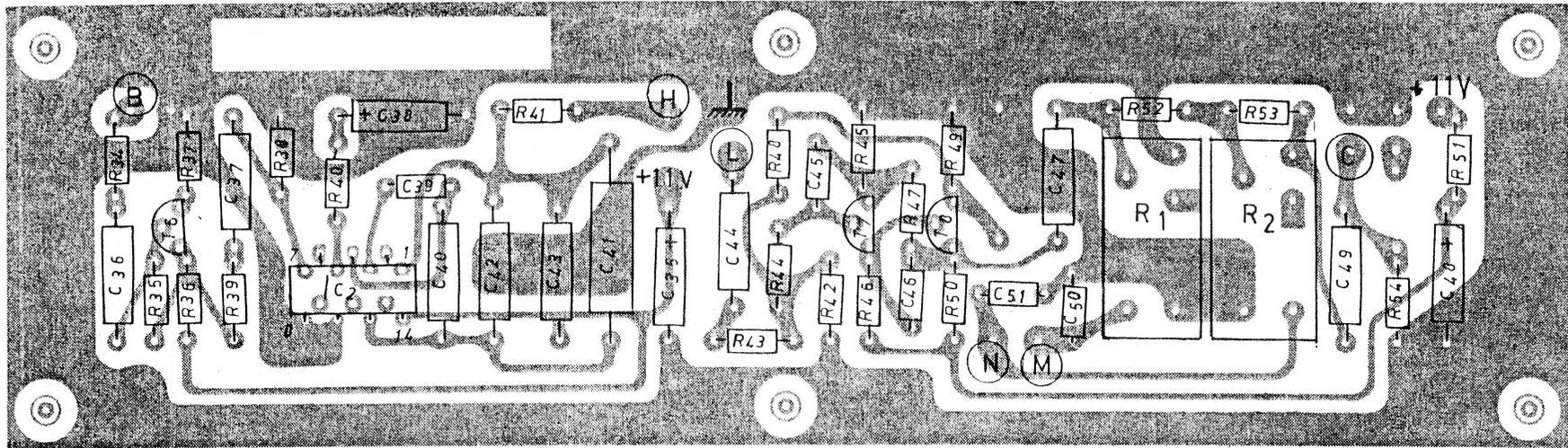
300-1



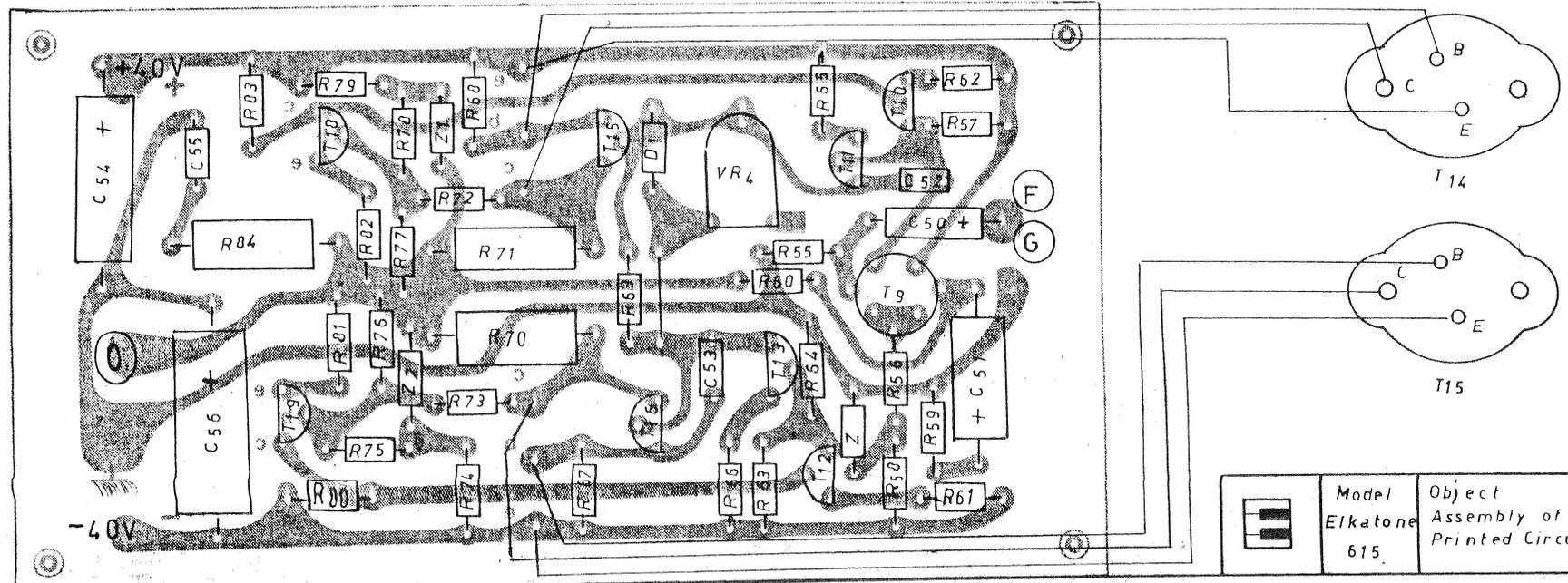
N.B. The tension indicated in the power supply of the two velocities of the motor have been registered with the slow and fast potentiometers at maximum

	Model	Object:	Sheet No 36
	Elkatone 615	Amplifier and Power Supply	Date 10-10-74

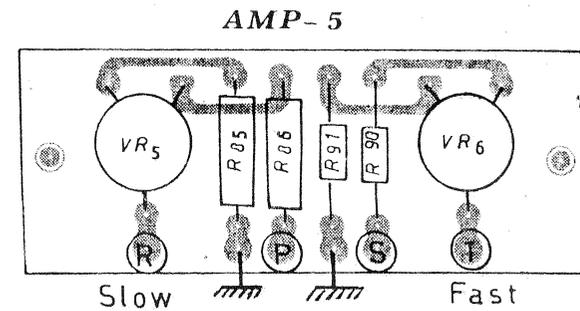
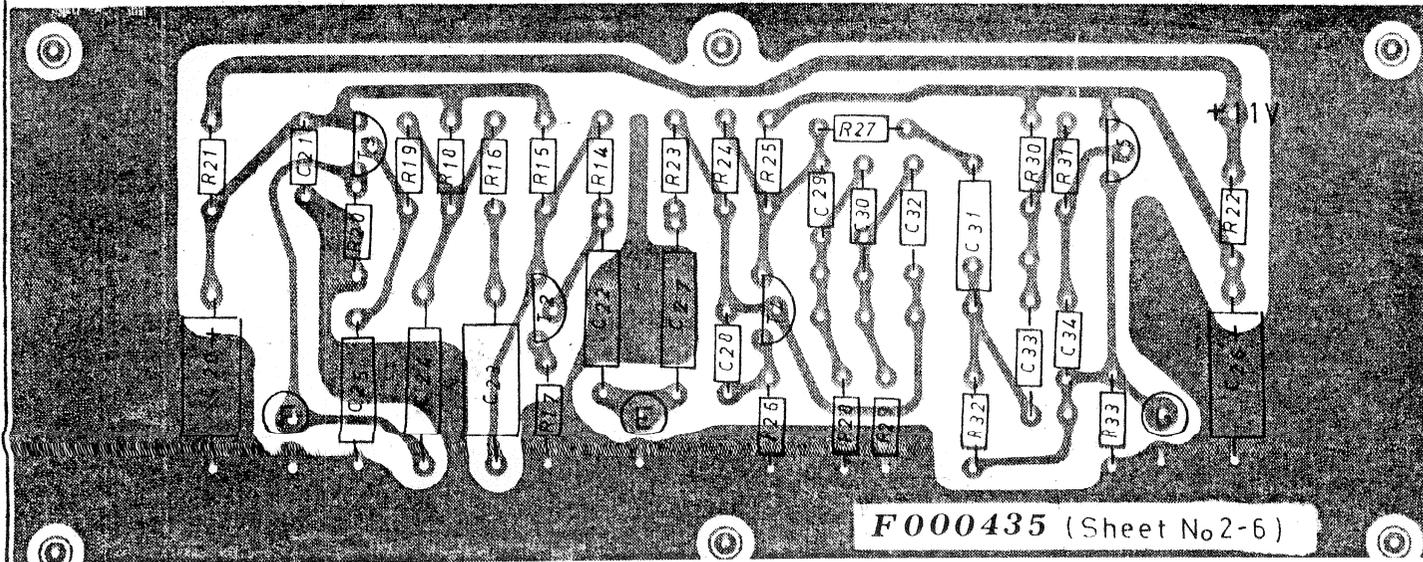
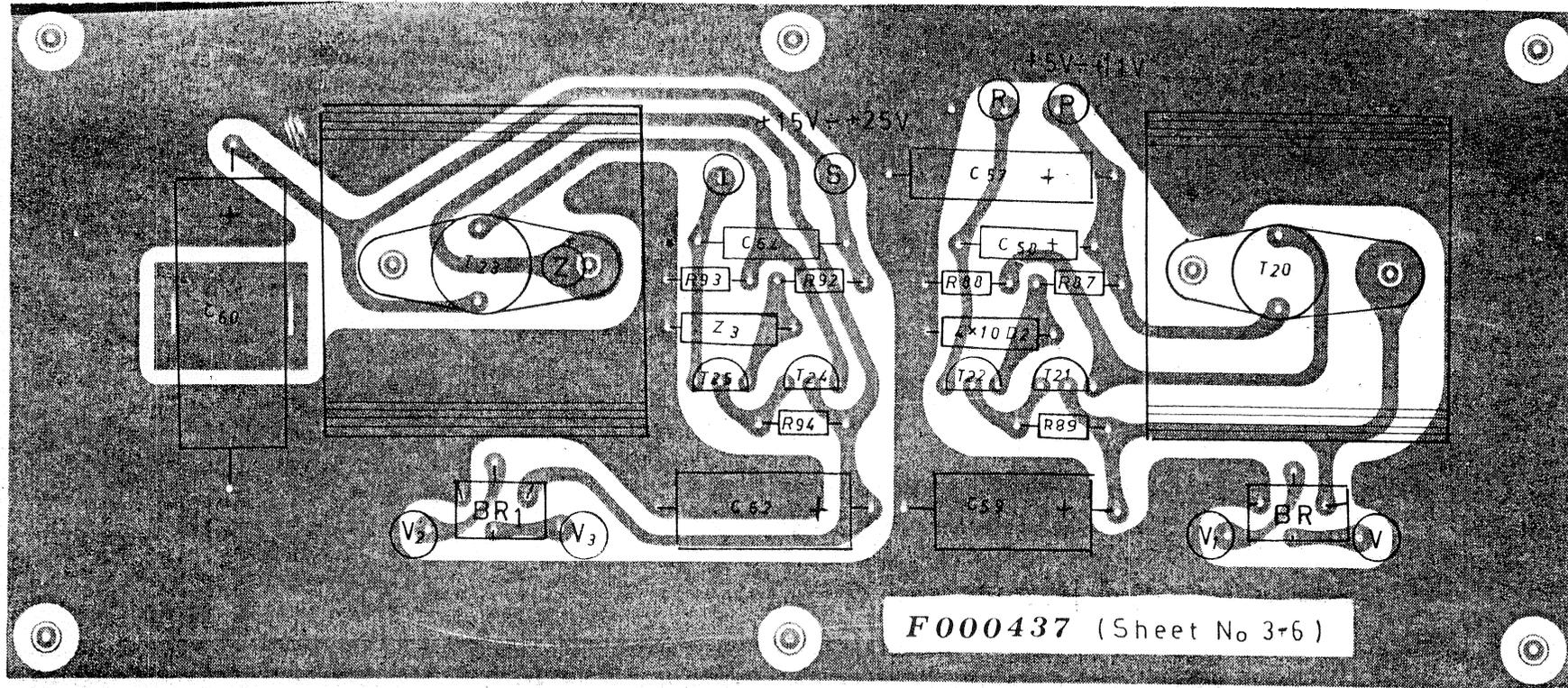
F 000 436 (Sheet No 2-6)



300-2 (Sheet No 3-6)



	Model	Object	Sheet No 5-6
	Elkatone	Assembly of	Date 9-10-74
	615	Printed Circuit	



	Model	Object	Sheet No. 6-6
	Elkatone	Assembly of Printed Circuit	