

Pin No	No Load	7Amp Load
2	13.2V	14.2V
3	13.7	13.7
4	7.0	7.0
5	7.0	7.0
10	14.7	16.1
11	28.1	23.3
12	29.0	24.2
13	16.0	17.2

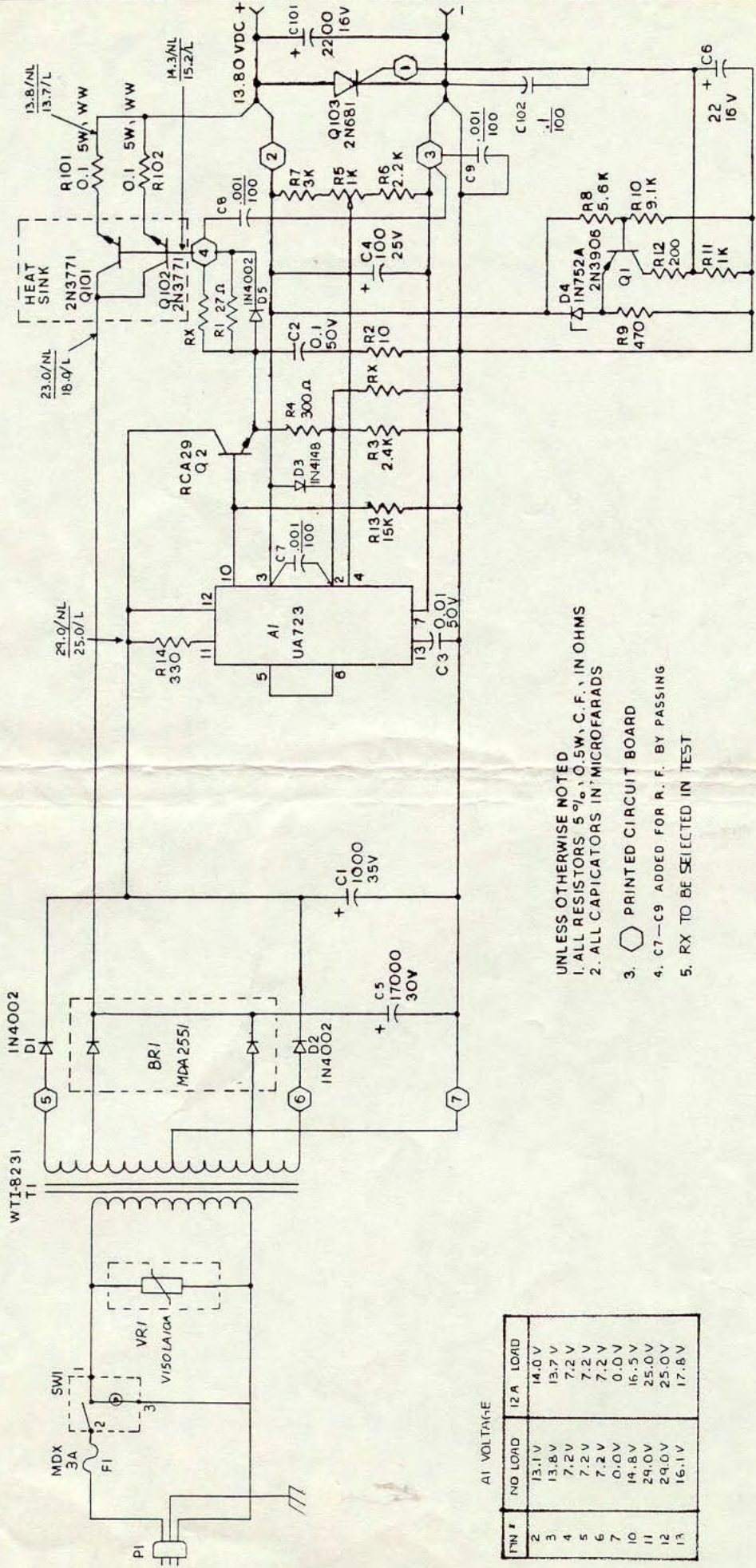
- C1- 42,000 μ 25V
- C2- 470 μ 35V
- C3- .01 μ 50V
- C4- .001 μ 50V
- C5, C8- 22 μ 16V
- C6- 100 μ 25V
- C7- 2,200 μ 16V
- C9- .1 μ 50V
- D1, D2, D6- 1N4002
- D3, D4- MR751
- D5- 1N4148
- D7- 1N752A
- D51- 115V NEON
- F1- 21 250V 3AG
- IC1- LM723
- P1- LINE CORD 18GA-3
- Q1- RCA29
- Q2- 2N3771
- Q3- 2N3904
- Q4- 2N3906
- Q5- 2N6505
- R1- 2.4 Ω 5% 5W C.C.
- R2- 33 Ω 5% 5W C.C.
- R3- 300 Ω 5% 25W C.F.
- R4- 100 Ω
- R5- 2.2K
- R6- 300 Ω
- R7- 2.2K
- R8- 100 Ω 5% 25W C.F.
- R9- 1K 20% 5W C.P.
- R10- 5.1K 5% 25W C.F.
- R11- 3.9K
- R12- 3K
- R13- 5.6K
- R14- 470 Ω
- R15- 9.1K
- R16- 200 Ω 5% 25W C.F.
- R17- 1K 5% 25W C.F.
- R18- 43 Ω 1/2W 5% C.F.
- S1- SPST TOGGLE SWITCH
- T1- ASTRON 8006 TRANSFORMER

ASTRON CORPORATION
TUSTIN, CALIFORNIA

DESIGNED BY: *Elaine M. Biggley*
DATE: 10-12-94

RS-7A SCHEMATIC

DRAWN BY: _____
CHECKED BY: _____
DATE: _____



- UNLESS OTHERWISE NOTED
1. ALL RESISTORS 5%, 0.5W, C.F., IN OHMS
 2. ALL CAPACITORS IN MICROFARADS
 3. ○ PRINTED CIRCUIT BOARD
 4. C7-C9 ADDED FOR R.F. BY PASSING
 5. RX TO BE SELECTED IN TEST

A1 VOLTAGE

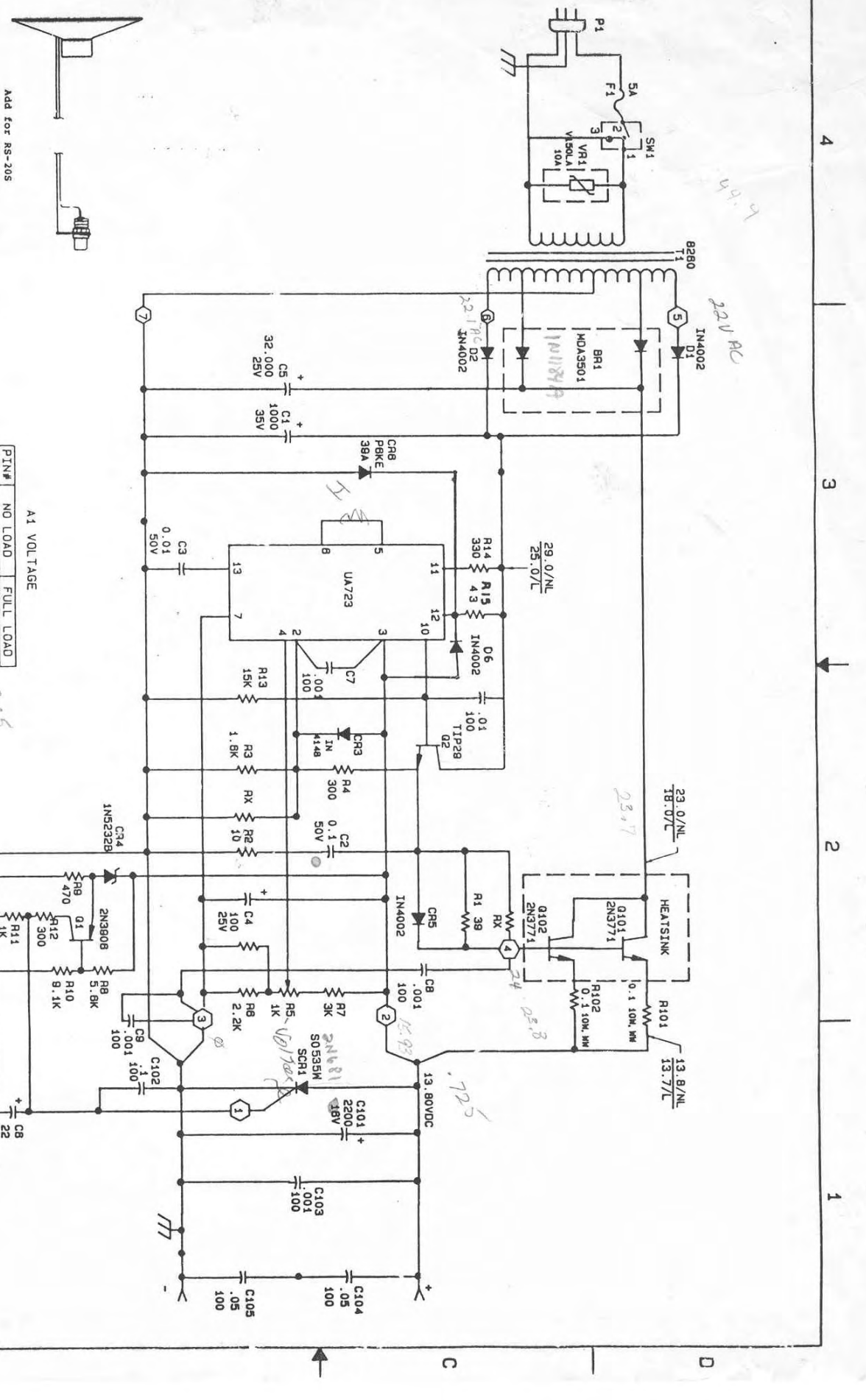
PIN #	NO LOAD	12A LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
6	7.2V	7.2V
7	0.0V	0.0V
10	14.8V	16.5V
11	29.0V	25.0V
12	29.0V	25.0V
13	16.1V	17.8V

ASTRON CORPORATION
TUSTIN, CA.

SCALE: _____ APPROVED BY: _____
DATE: 11-2-83 DRAWN BY: _____
REVISED: _____

ELECTRICAL SCHEMATIC

RS-12A DRAWING NUMBER



- UNLESS OTHERWISE NOTED
1. ALL RESISTORS 5%, 0.5W, C.F. IN OHM.
 2. ALL CAPACITORS IN MICROFARADS.
 3. \odot PRINTED CIRCUIT BOARD.
 4. C7-C9 ADDED FOR R.F. BY PASSING
 5. RX TO BE SELECTED IN TEST.

Add for RS-205

A1 VOLTAGE

PIN#	NO LOAD	FULL LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
6	7.2V	7.2V
7	0.0V	0.0V
10	14.8V	16.5V
11	29.0V	25.0V
12	29.0V	25.0V
13	18.1V	17.8V

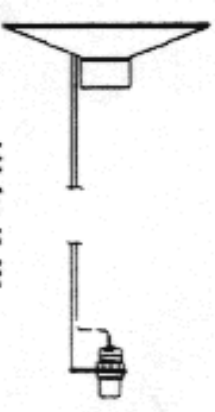
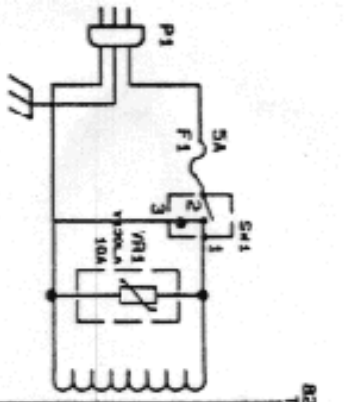
21.05
7.14
7.22
7.22
7.22
1.19
13.14
29.9
29.8
19

ASTRON CORPORATION
IRVINE, CALIFORNIA

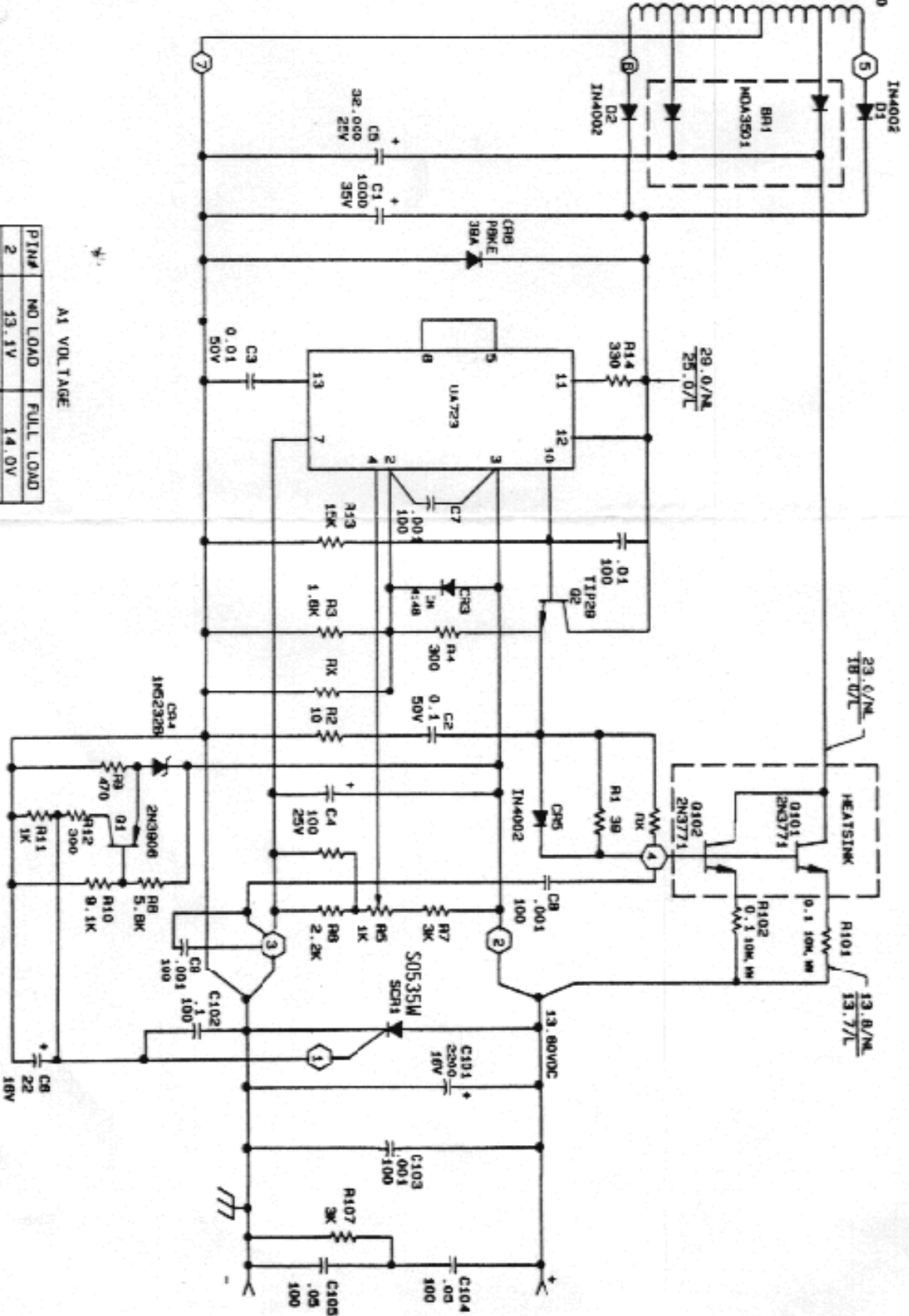
DATE: 9-24-88

APPROVED: *[Signature]*

RS-20A, RS-205



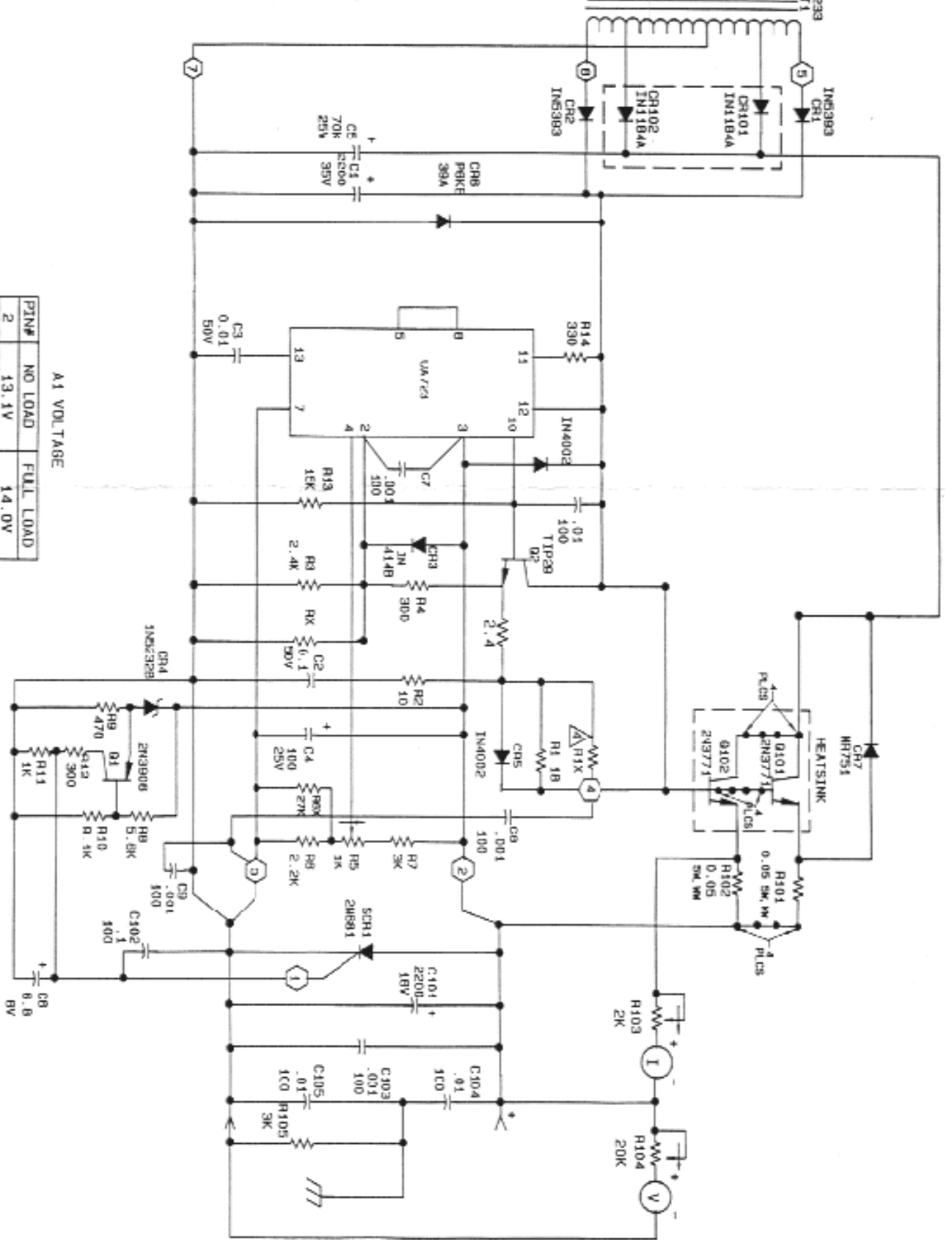
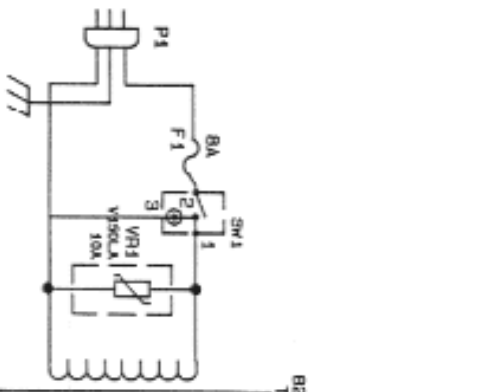
- UNLESS OTHERWISE NOTED
1. ALL RESISTORS 5%, 0.5M, C.F. IN OHM.
 2. ALL CAPACITORS IN MICROFARADS.
 3. \bigcirc PRINTED CIRCUIT BOARD.
 4. C7-C9 ADDED FOR P.F.F. BY PASSING
 5. HX TO BE SELECTED IN TEST.



A1 VOLTAGE

PIN#	NO LOAD	FULL LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
6	7.2V	7.2V
7	0.0V	0.0V
10	14.8V	18.5V
11	29.0V	25.0V
12	29.0V	25.0V
13	19.1V	17.8V

ASTRON CORPORATION
 IRVINE, CALIFORNIA
 DATE: 9/23/88
 APPROVED: *[Signature]*
 RS-20A, RS-20S



A1 VOLTAGE

PIN#	NO LOAD	FULL LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
6	7.2V	7.2V
7	0.0V	0.0V
10	14.8V	16.5V
11	29.0V	25.0V
12	29.0V	25.0V
13	16.1V	17.8V

ASTRON CORPORATION

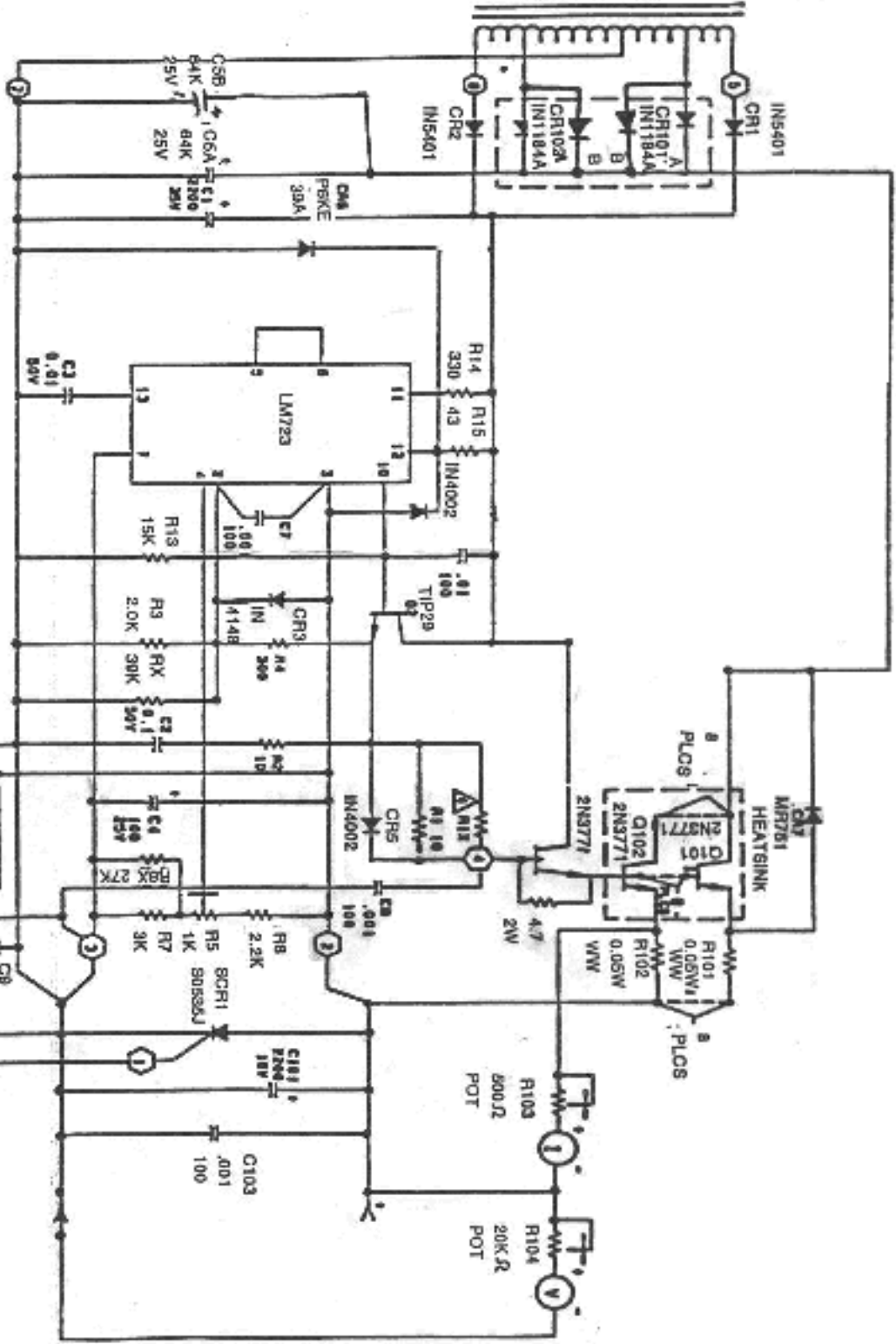
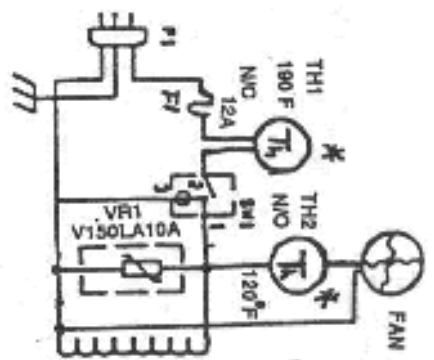
IRVINE, CALIFORNIA

DATE: 4/16/1987

APPROVED: *[Signature]*

RS-35M

- UNLESS OTHERWISE NOTED
1. ALL RESISTORS 5%, 0.5W, C.F., IN OHM.
 2. ALL CAPACITORS IN MICROFARADS.
 3. \circ PRINTED CIRCUIT BOARD.
 - Δ TO BE SELECTED IN TEST.



A1 VOLTAGE

PIN#	NO LOAD	FULL LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
9	7.2V	7.2V
7	8.0V	8.0V
10	14.8V	18.5V
11	28.0V	25.0V
12	28.0V	21.0V
13	10.1V	17.8V

- * TH1 THERMOSTAT 190 F NORMAL CLOSED
- * TH2 THERMOSTAT 120 F NORMAL OPEN
- * BOTH ARE MOUNTED ON THE RIGHT HEATSINK
- * M/C NORMAL CLOSE
- * M/O NORMAL OPEN

UNLESS OTHERWISE NOTED
 1. ALL RESISTORS 5%, 0.5W, C.F., IN OHM.
 2. ALL CAPACITORS IN MICROFARADS.
 3. O C PRINTED CIRCUIT BOARD
 Δ TO BE SELECTED IN TEST.

ASTRON CORPORATION
 IRVINE CALIFORNIA

DATE: 9/16/1968 APPROVED: *[Signature]*

RS-70A - RS-70M

K4XL's **BAMA**

This manual is provided **FREE OF CHARGE** from the "BoatAnchor Manual Archive" as a service to the Boatanchor community.

It was uploaded by someone who wanted to help you repair and maintain your equipment.

If you paid anyone other than BAMA for this manual, you paid someone who is making a profit from the free labor of others without asking their permission.

You may pass on copies of this manual to anyone who needs it. But do it without charge.

Thousands of files are available without charge from BAMA. Visit us at <http://bama.sbc.edu>