

7403N

BLOCK DIAGRAM

mgf
0671

7403N

PLUG-IN MODE

INTER PLUG-IN SIGNAL

INTER PLUG-IN COMMON

+AUX TRIG IN
 -AUX TRIG IN
 + TRIGGER IN
 - TRIGGER IN
 + 50V DC
 - 50V DC
 + 15V DC
 - 15V DC
 AUX Z AXIS
 AUX Z AXIS COMMON
 MAIN FRAME MODE
 AUX Y AXIS

SINGLE SWP RESET LIGHTS COMMON

+ TRIGGER OUT
 - TRIGGER OUT
 CHASSIS GND
 CHASSIS GND
 SIGNAL (+)
 SIGNAL (-)

X-COMP INHIBIT

+ 5V DC

INTENSITY LIMIT
 VERT MODE COMMAND
 CHOP COMMON
 ALT DRIVE
 CHOP DRIVE

LINE TRIGGER

HOLDOFF

SWEEP

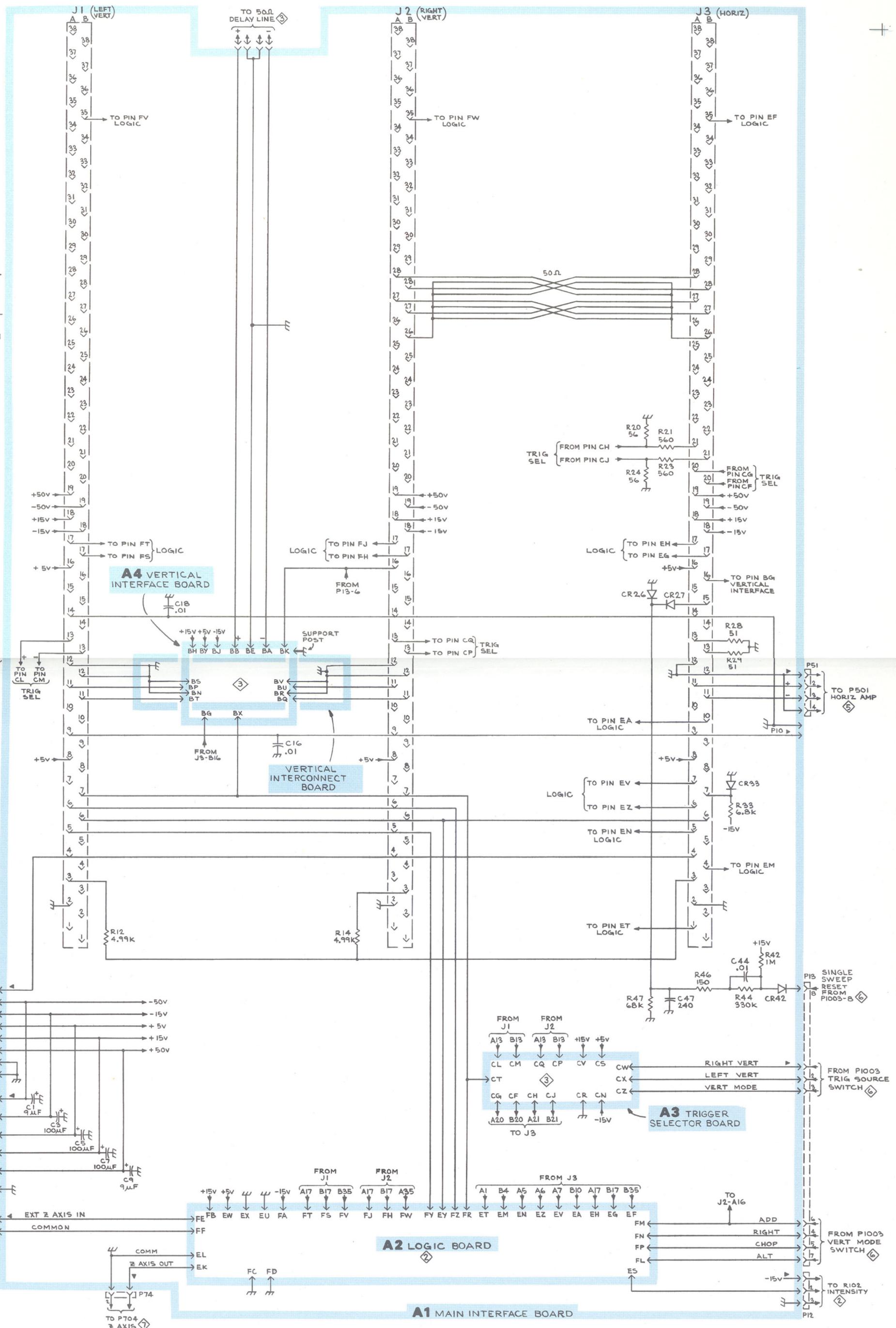
SWEEP

GATE COMMON

SWEEP GATE

MAIN INTERFACE

671



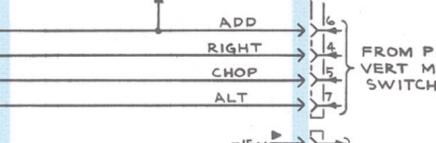
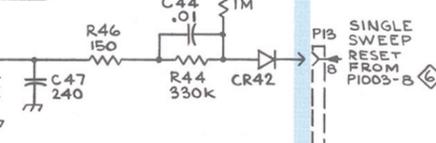
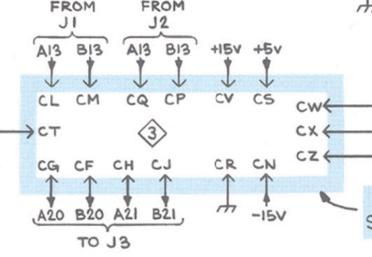
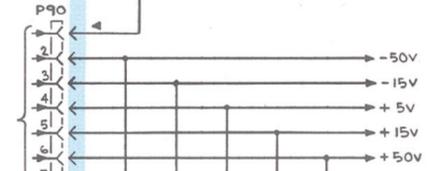
A4 VERTICAL INTERFACE BOARD

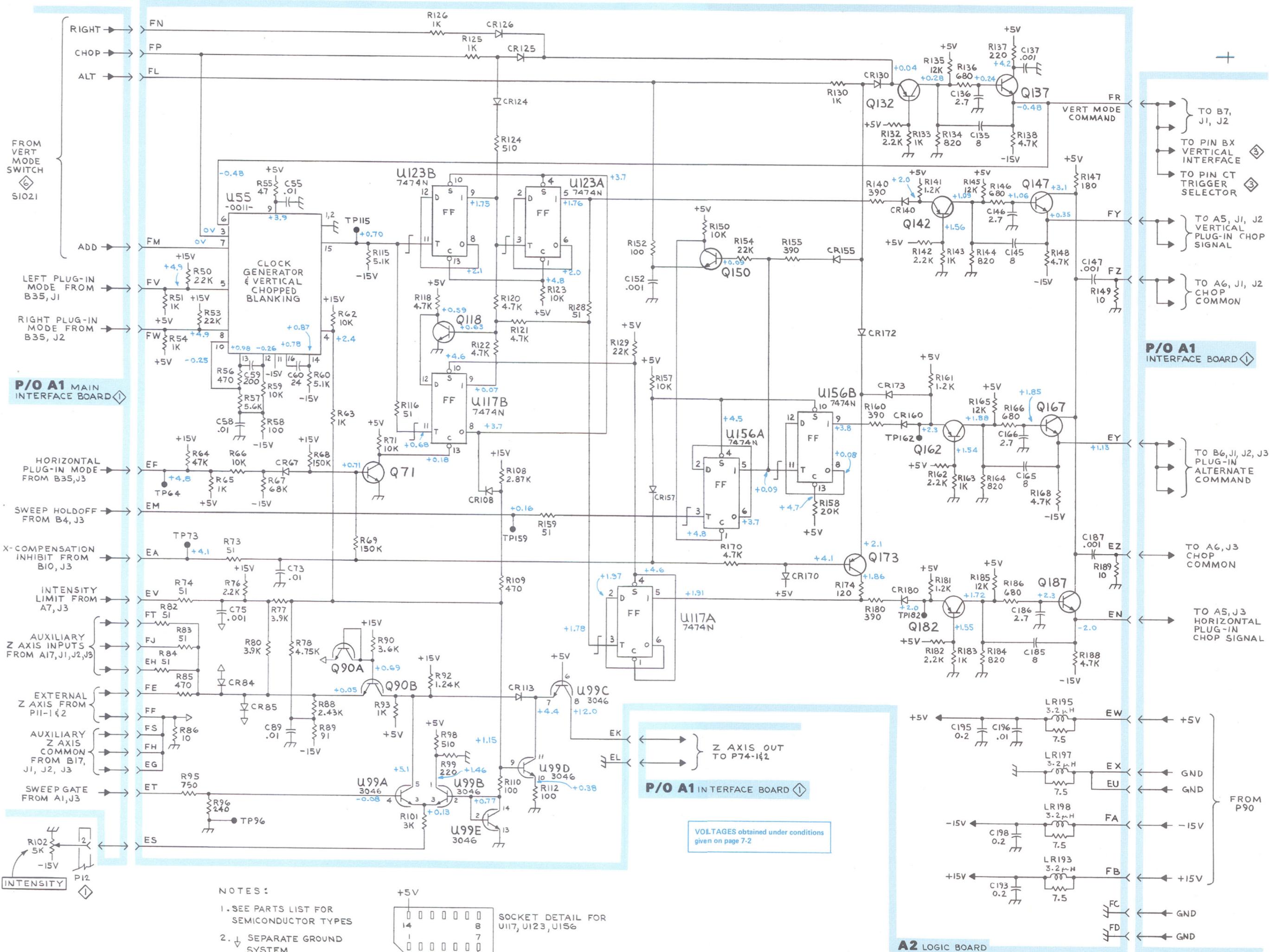
VERTICAL INTERCONNECT BOARD

A3 TRIGGER SELECTOR BOARD

A2 LOGIC BOARD

A1 MAIN INTERFACE BOARD





FROM VERT MODE SWITCH
S1021

P/O A1 MAIN INTERFACE BOARD

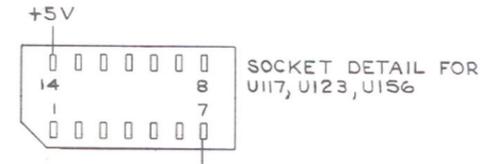
P/O A1 INTERFACE BOARD

P/O A1 IN INTERFACE BOARD

A2 LOGIC BOARD

LOGIC mgf 0671

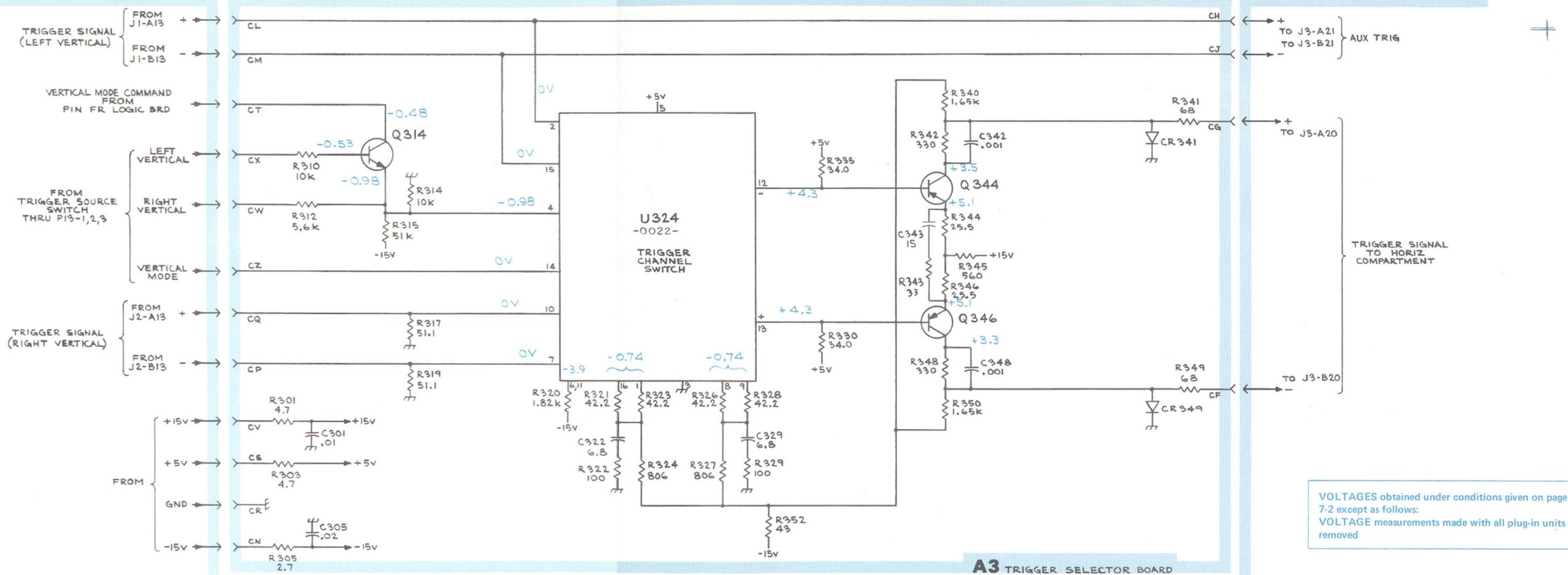
- NOTES:
1. SEE PARTS LIST FOR SEMICONDUCTOR TYPES
 2. SEPARATE GROUND SYSTEM



VOLTAGES obtained under conditions given on page 7-2

7403N

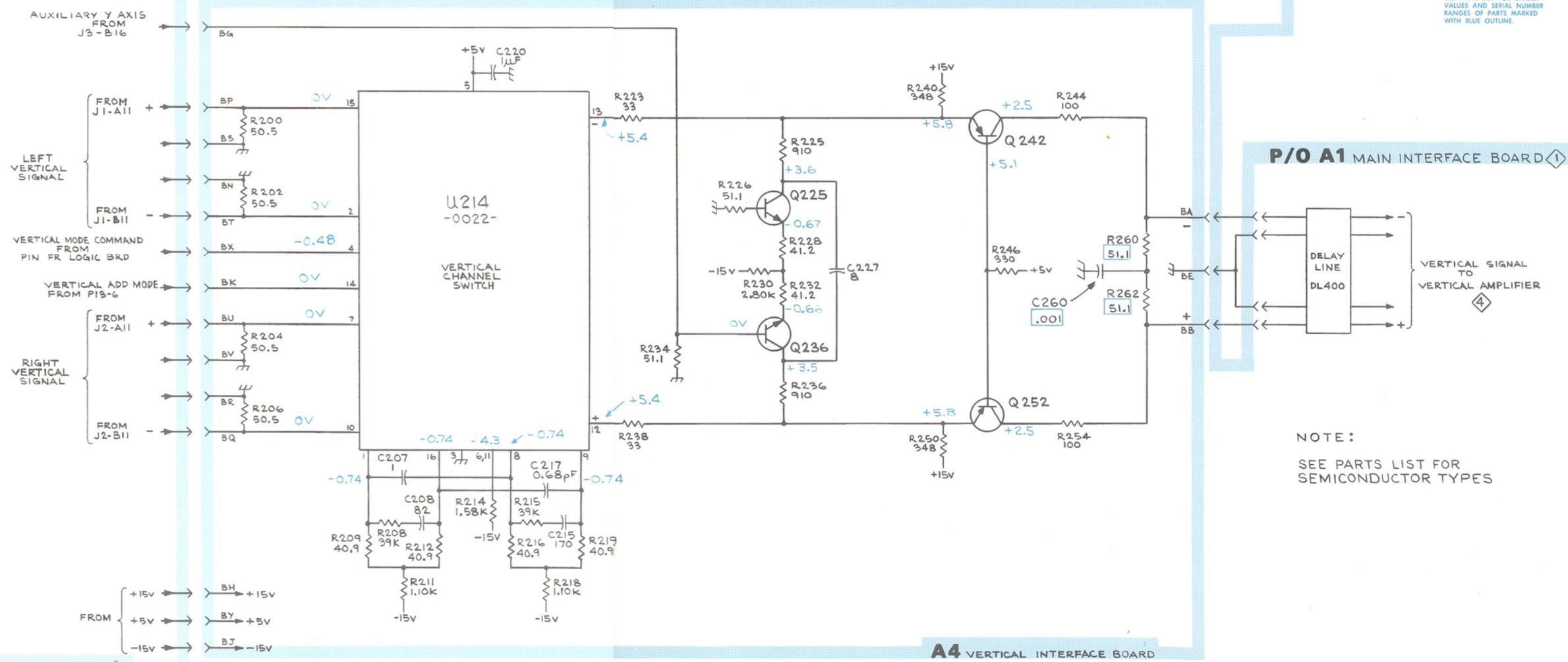
(A)



A3 TRIGGER SELECTOR BOARD

VOLTAGES obtained under conditions given on page 7-2 except as follows:
VOLTAGE measurements made with all plug-in units removed

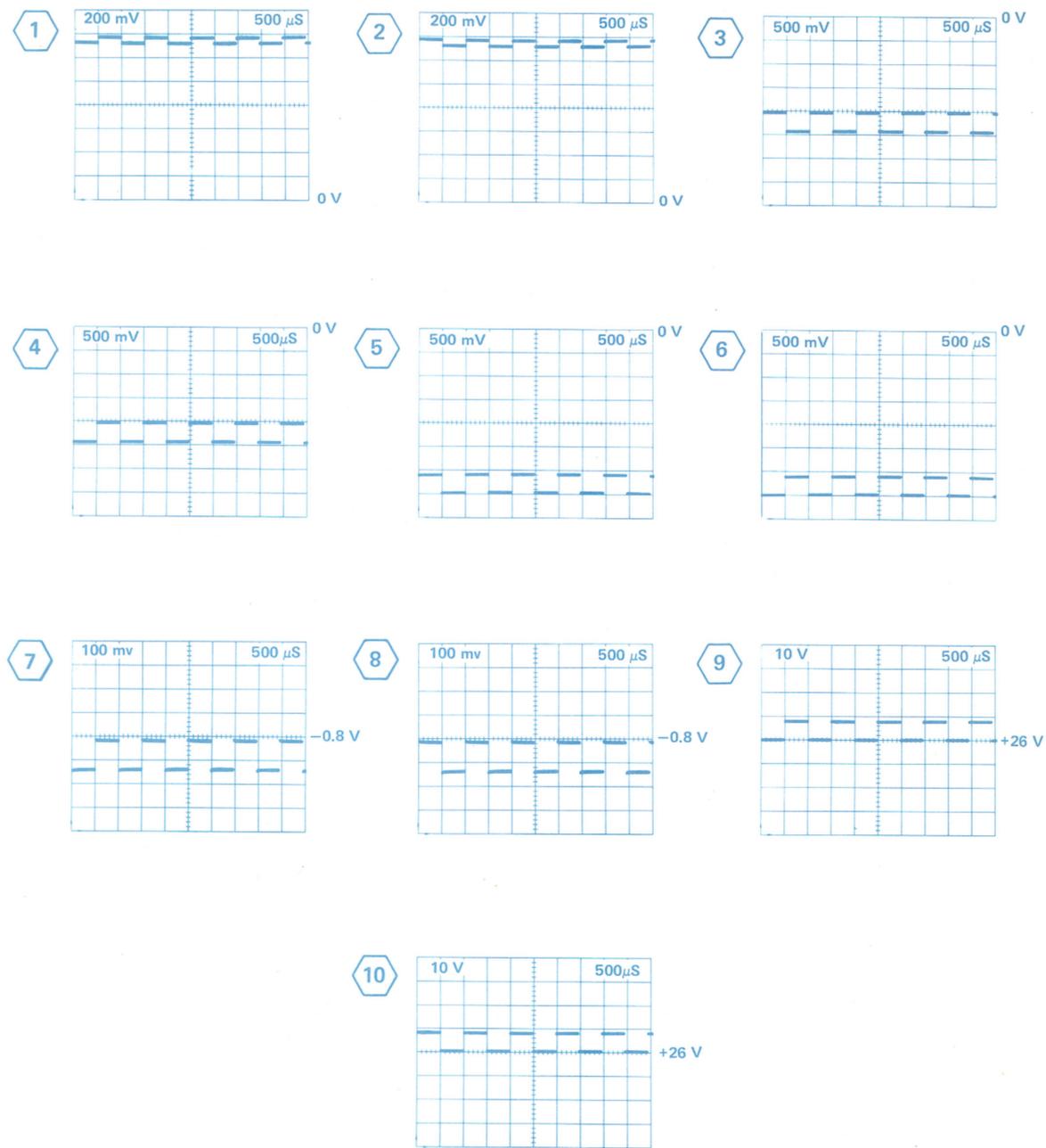
SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.



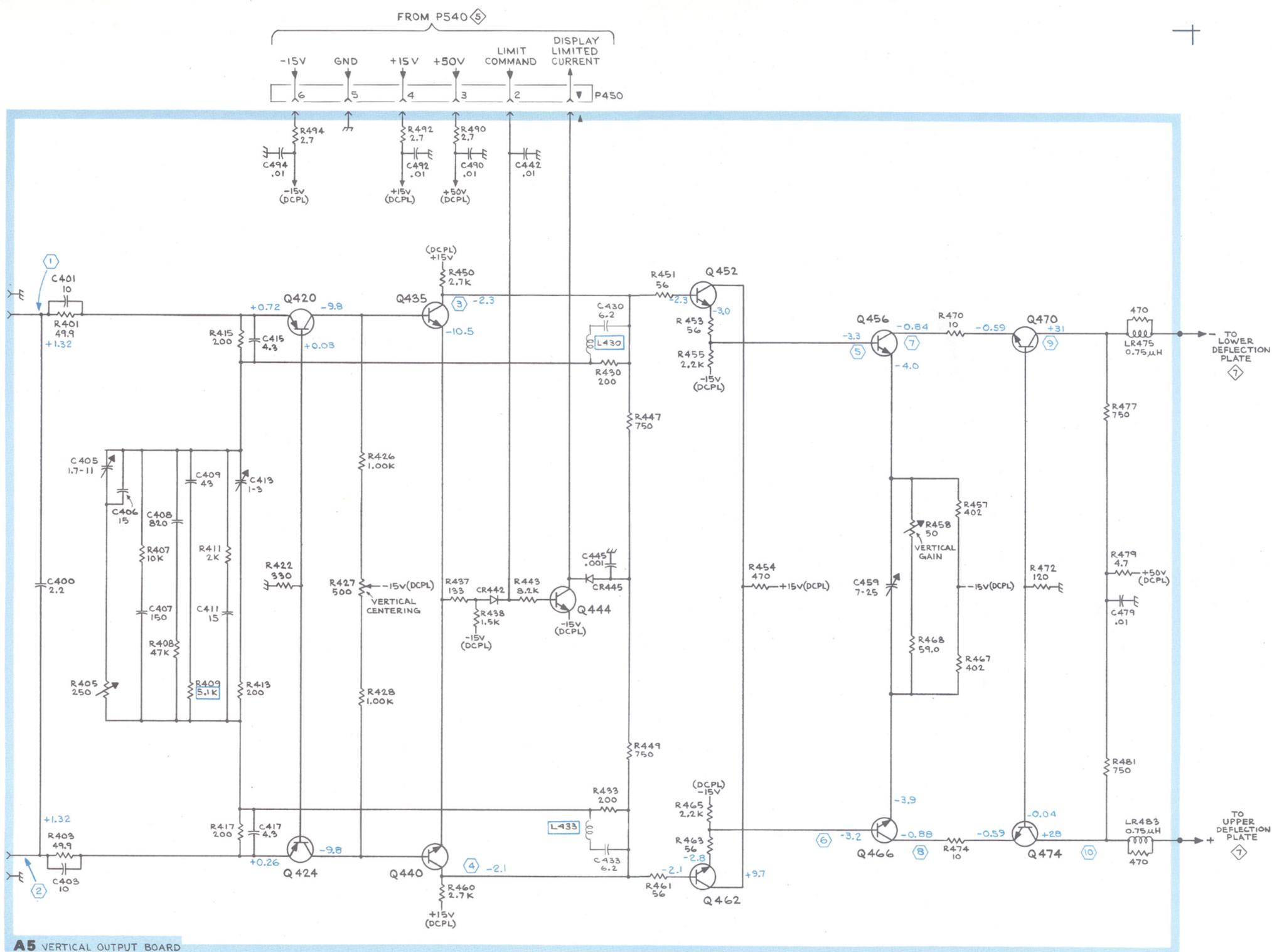
A4 VERTICAL INTERFACE BOARD

P/O A1 MAIN INTERFACE BOARD

NOTE:
SEE PARTS LIST FOR SEMICONDUCTOR TYPES



VERTICAL SIGNAL FROM DELAY LINE

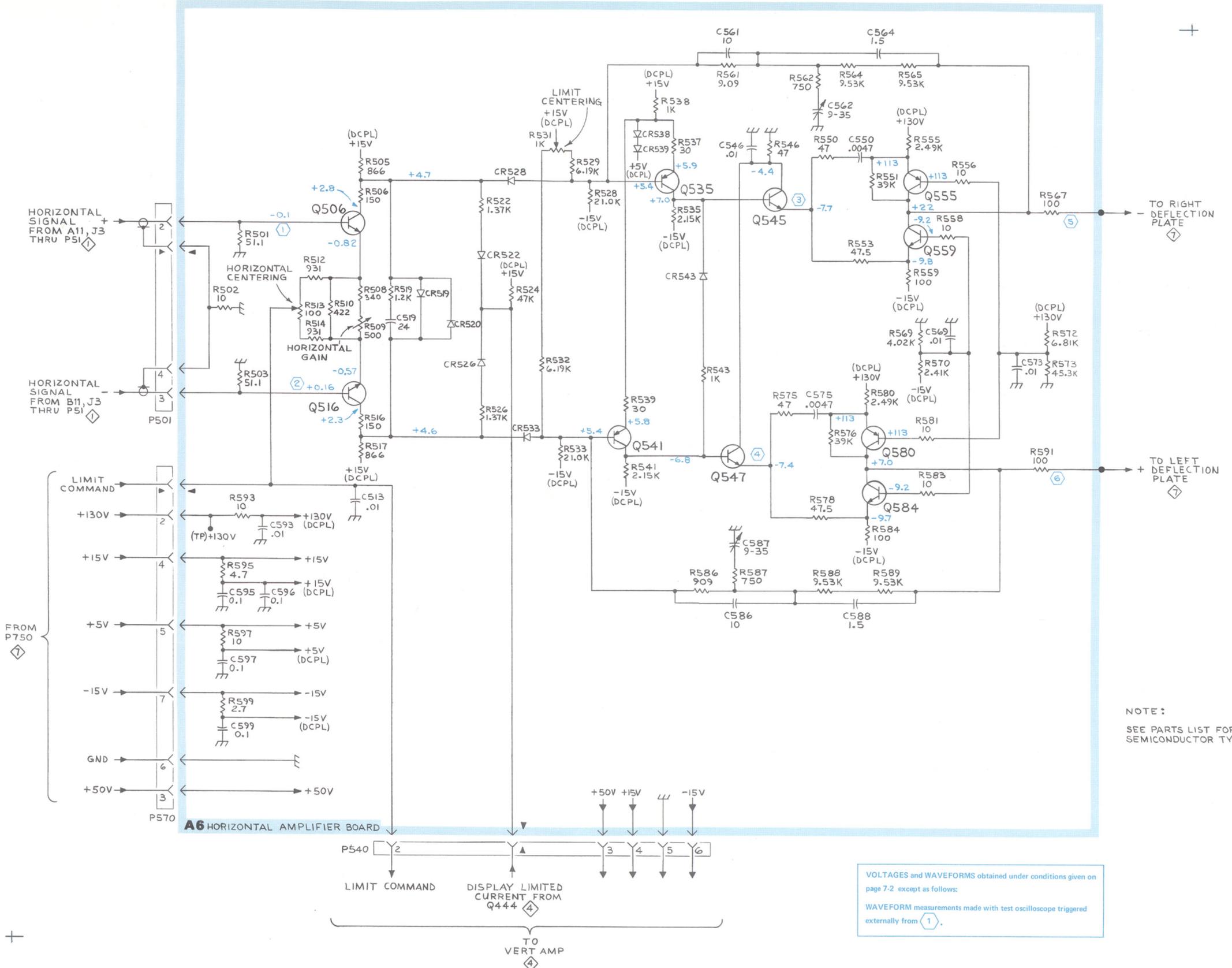
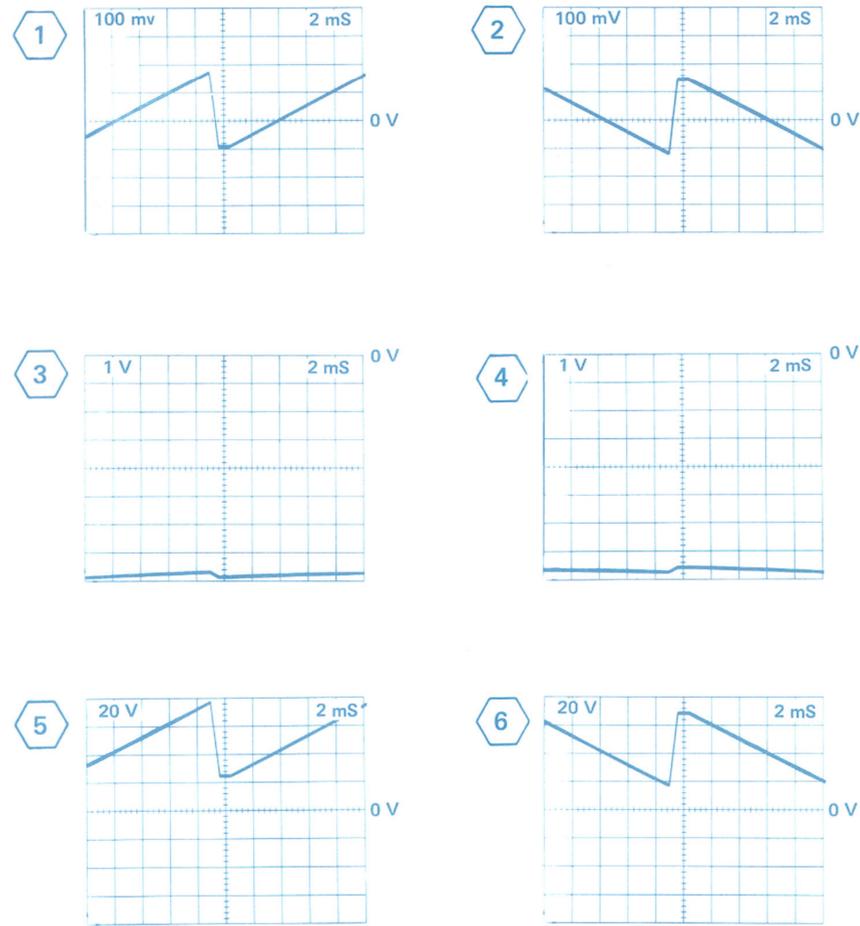


A5 VERTICAL OUTPUT BOARD

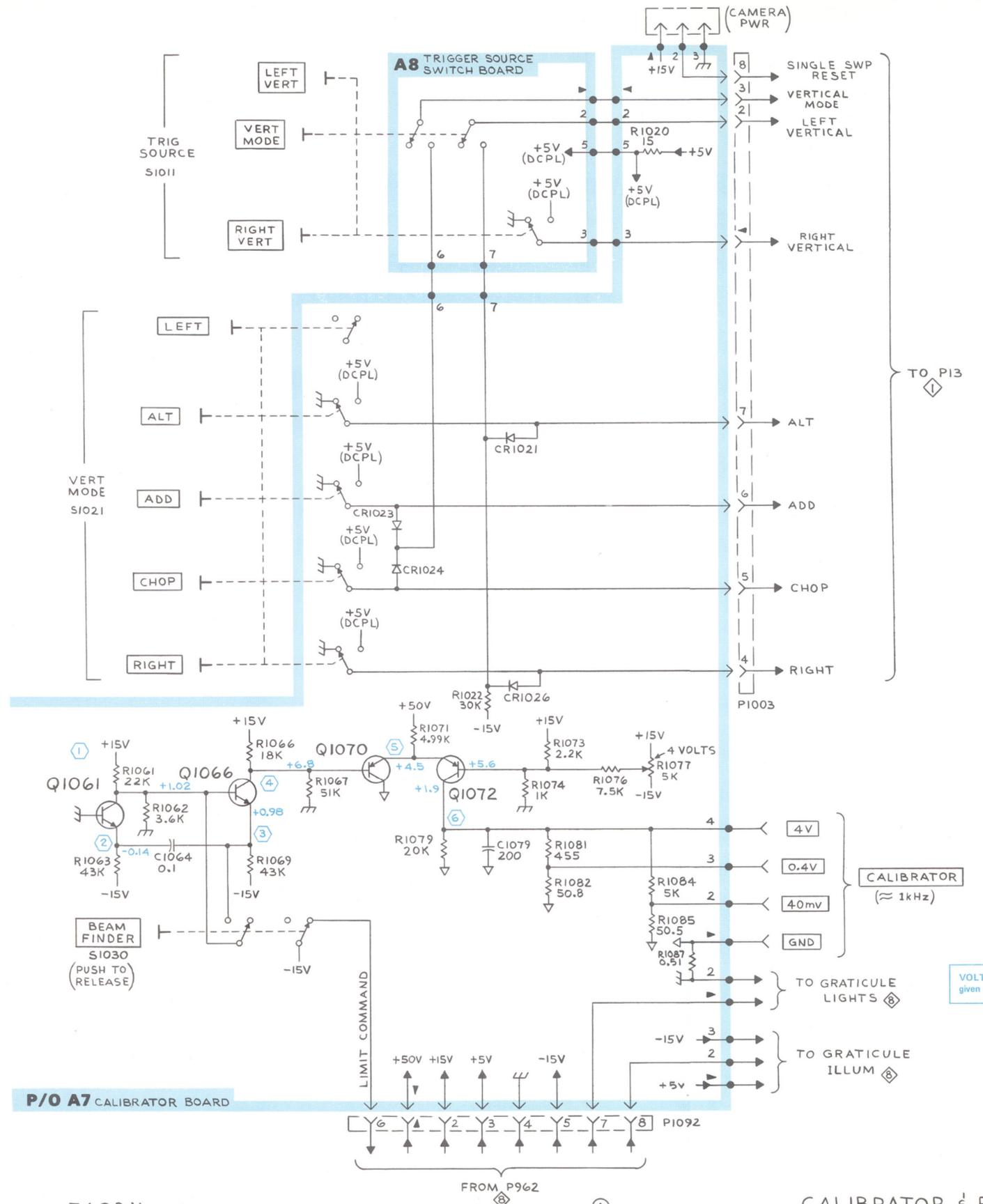
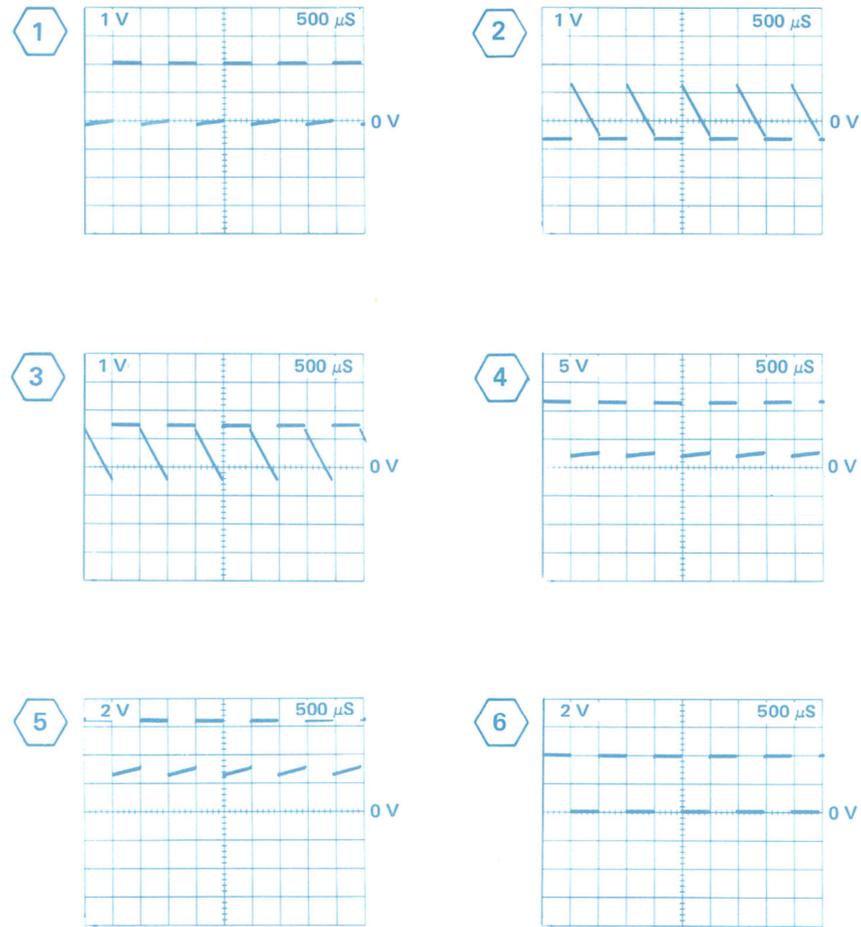
NOTE: SEE PARTS LIST FOR SEMICONDUCTOR TYPES

SEE PARTS LIST FOR EARLIER VALUES AND SERIAL NUMBER RANGES OF PARTS MARKED WITH BLUE OUTLINE.

VOLTAGES and WAVEFORMS obtained under conditions given on page 7-2.

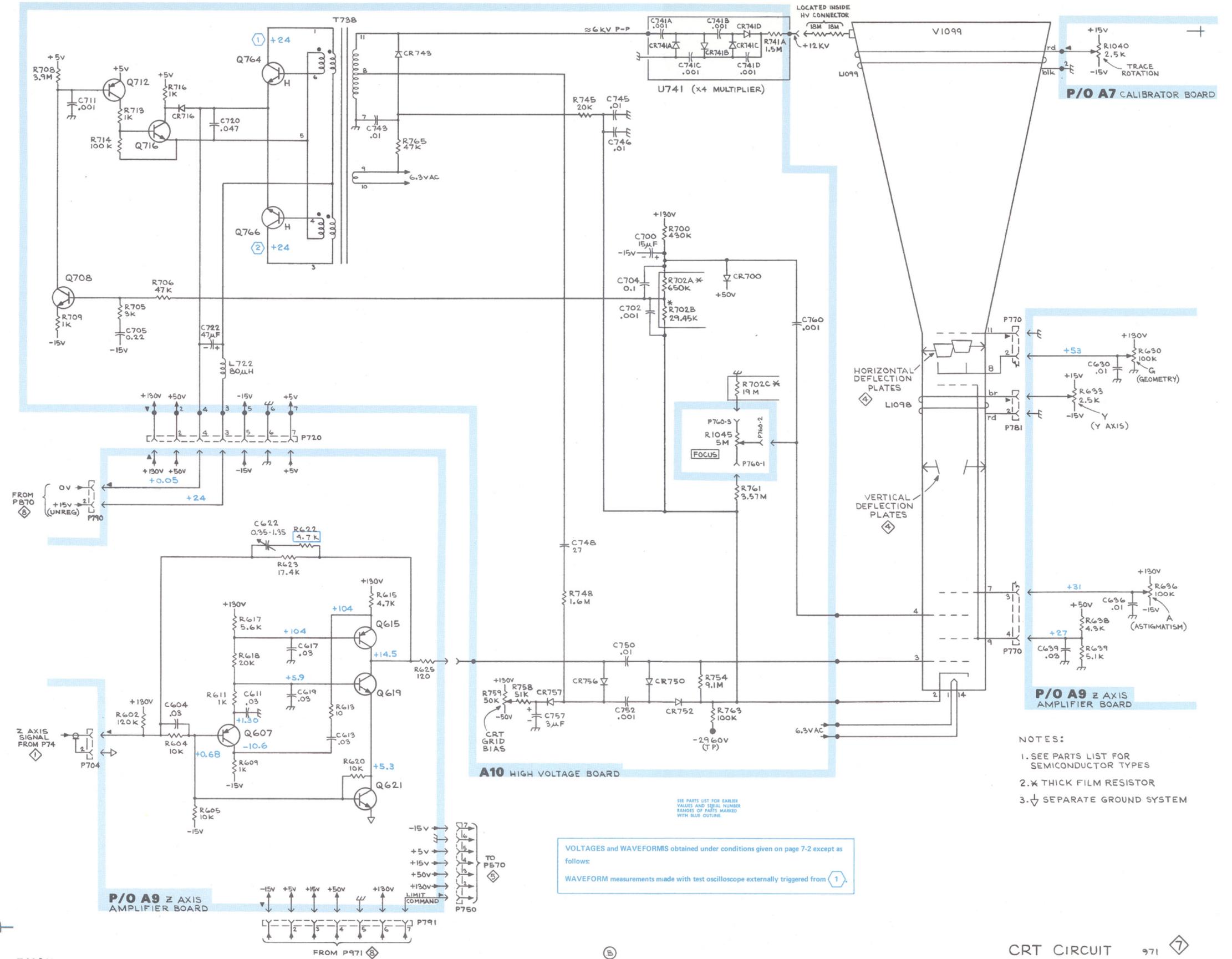
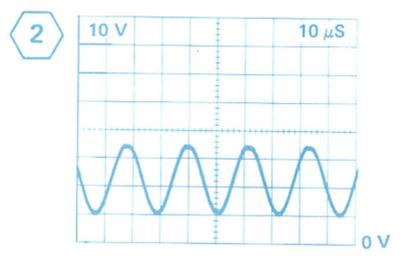
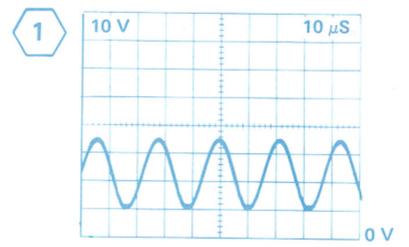


VOLTAGES and WAVEFORMS obtained under conditions given on page 7-2 except as follows:
 WAVEFORM measurements made with test oscilloscope triggered externally from (1).



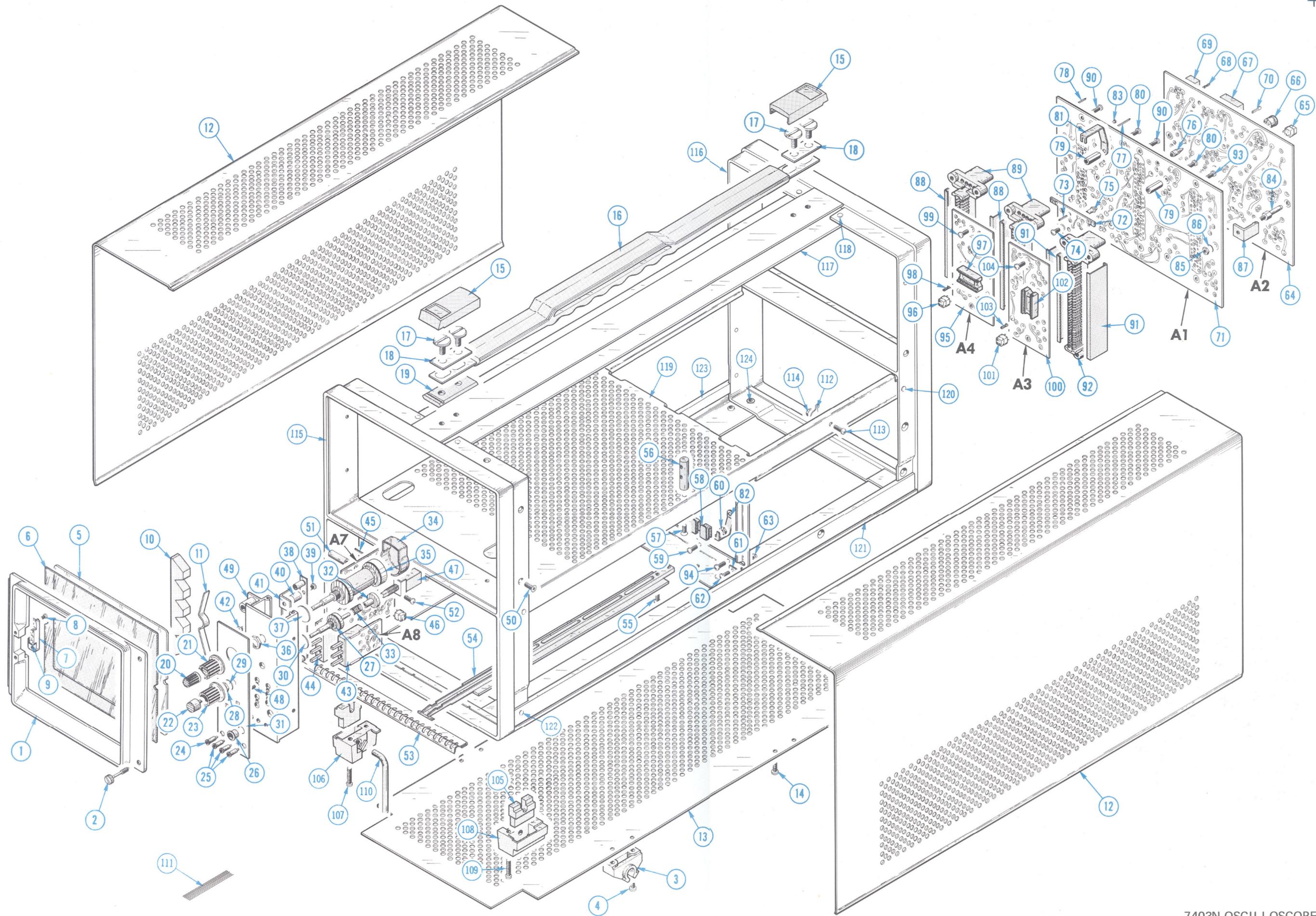
- NOTES:
 1. SEE PARTS LIST FOR SEMICONDUCTOR TYPES
 2. ↓ SEPARATE GROUND SYSTEM

VOLTAGES and WAVEFORMS obtained under conditions given on page 7-2.



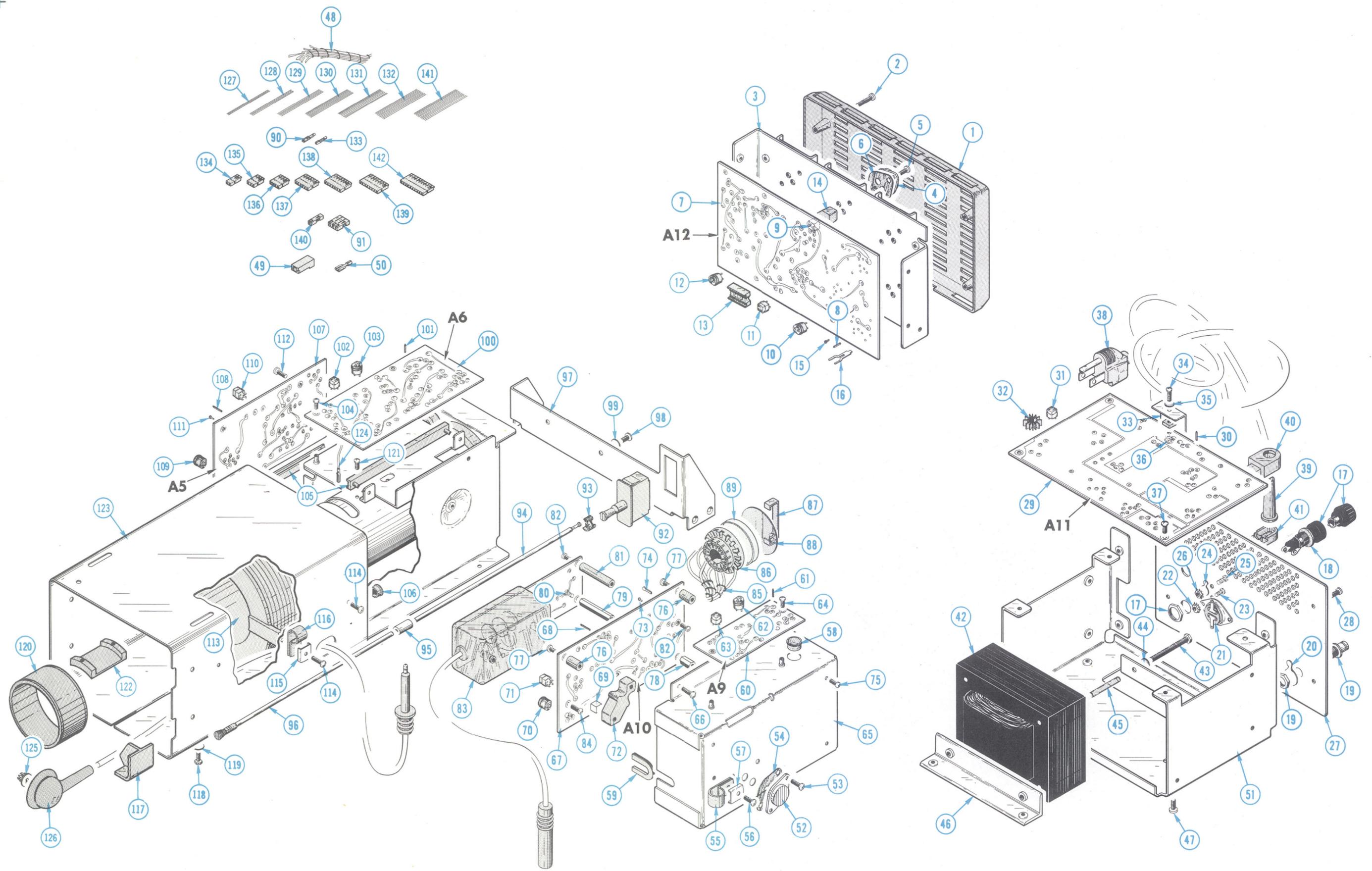
VOLTAGES and WAVEFORMS obtained under conditions given on page 7-2 except as follows:
 WAVEFORM measurements made with test oscilloscope externally triggered from ①.

- NOTES:
1. SEE PARTS LIST FOR SEMICONDUCTOR TYPES
 2. * THICK FILM RESISTOR
 3. ↓ SEPARATE GROUND SYSTEM



7403N OSCILLOSCOPE

+



7403N OSCILLOSCOPE

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CARTON ASSEMBLY
(Part No. 065-0154-00)

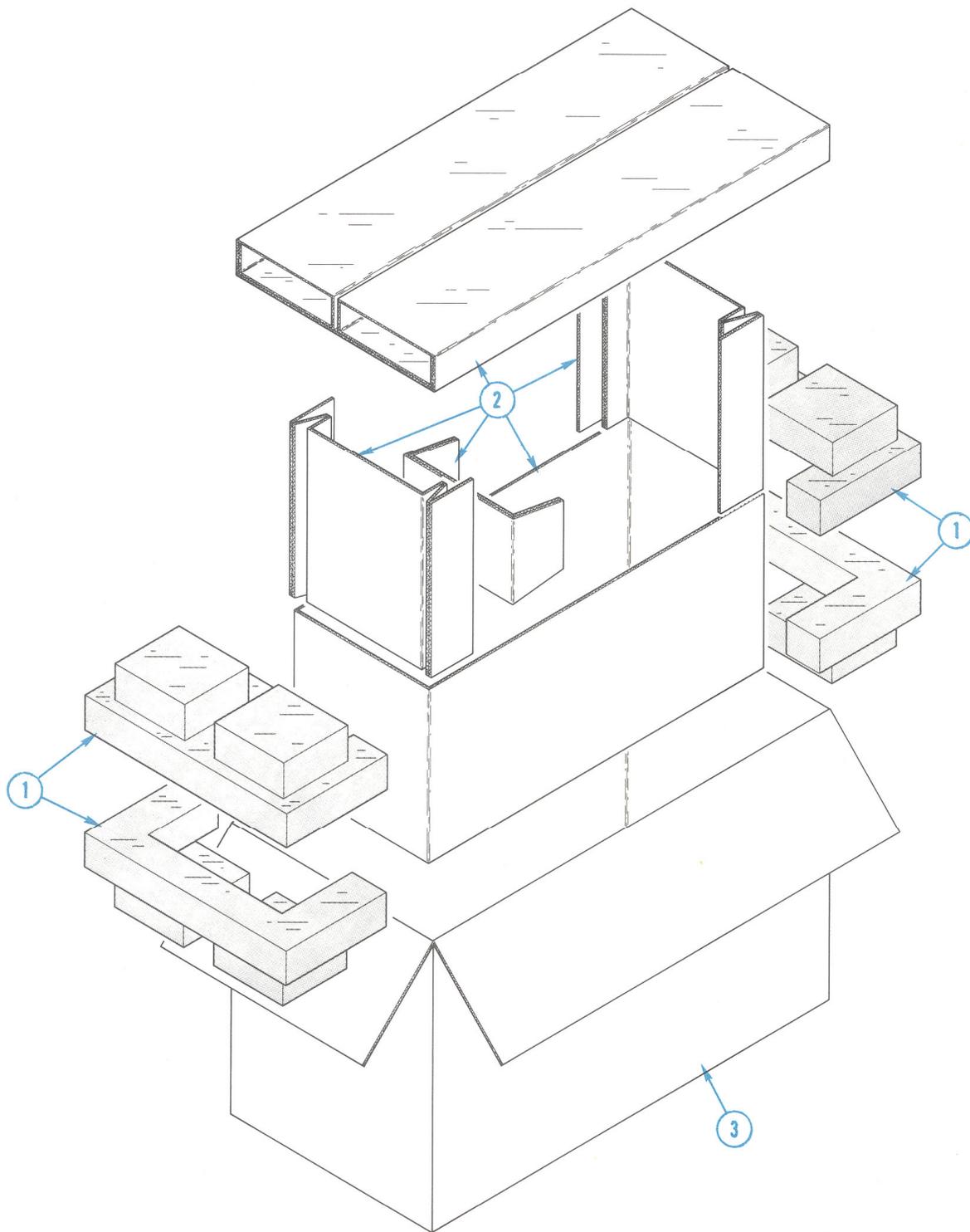


Fig. & Index No.	Tektronix Part No.	Serial/Model No. Eff	Disc	Q					Description	
				f	y	1	2	3		4
3-	065-0154-00			1						CARTON ASSEMBLY
	- - - - -			-						carton assembly includes:
-1	004-0281-00			2						ETHAFRAME
-2	004-1092-00			1						PAD SET, 5 piece
-3	004-0766-00			1						CARTON

