D515/C-3

TEST INSTRUCTIONS FOR POS 3 MDT-80S

1. Clip lead in the following components:

R1	1 K
R2	1 K
R3	1 K
R4	1 K
R5	1 K
R6	1 K
R8	4.99 K
R9	4.99 K
R10	10 K

*Leave all other spots open.

2. Connect the circuit as shown in Fig. 1. Note that PS2 and PS3 are clipped in at the junction of C22 and R28, and C24 and R33 respectively. Turn on power and observe that M1 and M2 read less than _____ Ma.

3. Adjust PS2 to 0V. Vary P2 and verify that the range at TP3 is 5.3V to 10.9V. Adjust PS2 to get 0V at TP3.

4. Adjust PS3 to 0V. Vary P3 and verify that the range at TP4 is 5.3 to 10.9V. Adjust PS3 to get 0V at TP4.

5. With 0V at TP3 and TP4, adjust PS1 to 0V. Turn P1 fully CW. M3 should now read less than 20 Ma. Now turn Board POT P1 fully CCW. M3 should read over 400 Ma. Verify that TP6 ranges from -1.33V to 1.33V as this is done. Adjust P1 to get 125 Ma on M3.

6. Check the gain of the servo amplifier. Adjust PS1 to get 100 Ma on M1. Record the TP2 voltage. Adjust PS1 to get 350 Ma on M1. Record the TP2 voltage. The difference between the two voltages should be .375V ± 1%.

7. Noise check. With an ungrounded scope check that the noise between TP9 and TP10 is less than 250 ~~Ma~~ mV

Data Needed: Quiescent Current Requirement from ±15V supplies for normal board.

DIST. TO: 12G, 14E, 19J, RW219A

GENERAL ELECTRIC MDTD FITCHBURG DEPT LOC JD Wronski, 9/4/80	SIZE A	~~CODE IDENT NO~~	TEST INSTRUCTIONS FOR 125D458AD (LYNN TEST)
SCALE		165A741AD	SHEET 2

Data Sheet

Job # 90008086
Serial # 198
Date 02-01-12
Data Sheet for 1250458A062
Test Procedure 16507141AD

Burn-in Start 02/02/2012 3:00pm
Burn-in Stop 02/07/2012 7:00am
Technician JAA

Test Procedure Step	Nominal	Lower Limit	Pre-Burn in Results	Post Burn in Results	Upper Limit	Pot Values If applicable CW	Pot Values If applicable CCW	Pass/Fail
3	<+5.3 >+10.9	+5.3	+5.12 VDC +5.09 VDC	+11.48 VDC +11.47	+10.9	+5.12	+11.48	P
4	<+5.3 >+10.9	+5.3	+5.12 VDC +5.11 VDC	+11.36 VDC +11.27 VDC	+10.9	+5.12	+11.36	P
5	<20 mA >349mA	<20 mA	365mA ~~3[illegible]mA~~	362 mA	>349 mA			P
5a	<-1.33 >+1.33	-1.33	-1.26 -1.27	+1.46 +1.44	+1.33	-1.28	+1.467	P
4								
6b	>.375 mA	<.337 mA	.395 mV	394mV	<.421			P
	↑ COULD NOT OBTAIN 1.000 BEST WE COULD DO IS 10.0% TOLERANCE							
7a	<250 mV	<250 mV	22mV	22 mV	250 mV			P
7b	<250mV	<250mV	22mV	22 mV	250 mV			P

.256 .690 100 .379 350 .774 .365 .365 .778 .1436 .1444 .242 .140 .338 .1626 .224 .319 .786 .081 .182 .573 .170 .165

1/9/2012
CW

Data Sheet

Job # 90008087

Serial # 188

Date 01-02-12

Data Sheet for 1250458 ADG2

Test Procedure 165D741AD

Burn-in Start

Burn-in Stop

Technician JPA

Test Procedure Step	Nominal	Lower Limit	Pre-Burn in Results	Post Burn in Results	Upper Limit	Pot Values If applicable CW	Pot Values If applicable CCW	Pass/Fail
3	<+5.3 >+10.9 VDC	< 5.3 VDC	+5.04 +13.69 VDC	+5.02 +13.71 VDC	>10.9	+13.69	+5.04	P
4	<+5.3 VDC >10.9	< 5.3 VDC	+5.01 +11.39 VDC	+5.09 +11.40 VDC	> +10.9V	+11.39	+5.01	P
5	<20mA >349	< 20mA 1.[illegible]A	349mA	365mA	> 349mA			P
5a	<-1.33 >+1.33	-1.33	-1.18 -1.20	+1.45 +1.460	+1.33	-1.18	+1.460	P
6	.375mV	.337mV	.386mV	.387mV	.412mV			P
	↑ COULD NOT OBTAIN 1.0%			BEST WE COULD	GET 15%	10.0%	TOLERANCE	
7a	<250mV	<250mV	20mV	21mV	250mV			P
7b	<250mV	<250mV	20mV	21mV	250mV			P

.237 .1033 .624

.606 .211

1/9/2012

CW

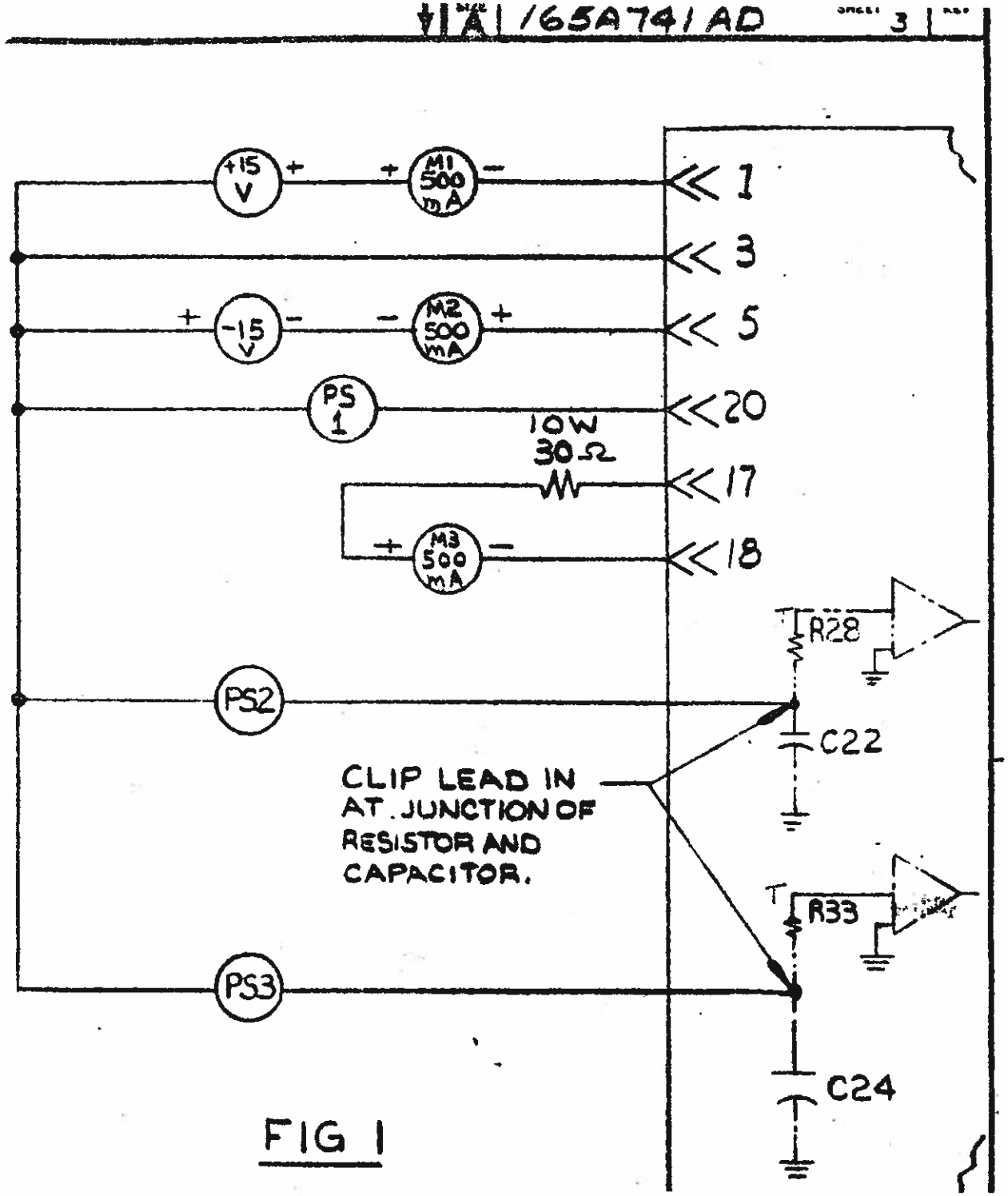

FIG 1

Sol - 11.7

6.39 13.93