ASSEMBLY DRAWING: 165A663BC
PC BOARD DRAWING: 125D443AC
SCHEMATIC DRAWING: TEST KIT

1.0 INSPECTION

.1 Identification	_____	.3 Solder/Wire	_____	.5 Key Slot	_____
.2 Comp./Conn.	_____	.4 Temp. Cycle	_____	.6	_____
				.7	_____

REMARKS:

2.0 TEST SET-UP

2.1 TURN POWER SWITCH OFF.
2.2 CONNECT +15 VDC, -15 VDC, +12 VDC, -12 VDC AND COMMON. _____
2.3 CONNECT +30 VDC, -30 VDC, AND 30 VDC COMMON, (KEEP 30 VDC COMMON SEPARATE FROM OTHER COMMON). _____
2.4 DO NOT HAVE +5V CONNECTED TO TEST KIT. _____
2.5 SET S1, S2, S3, AND S4 OFF. (LEFT POSITION). _____

3.0 BOARD TEST

3.1 PLUG BOARD INTO AC POSITION.
3.2 TURN (3) P303 + (2) P302 FULL CCW, (1) P301 FULL CW. _____
3.3 TURN POWER SWITCH ON. FILL IN DATA SHEET!! _____
3.4 READ +15 VDC CURRENT, 20 MA MAX. _____
3.5 READ -15 VDC CURRENT, 20 MA MAX. _____ MA
3.6 READ +30 VDC CURRENT, 400 MA MAX. _____ MA
3.7 READ -30 VDC CURRENT, 400 MA MAX. _____ MA
3.8 READ +12 VDC CURRENT, 10 MA MAX. _____ MA
3.9 READ -12 VDC CURRENT, 10 MA MAX. _____ MA
3.10 TURN ON S2. TURN P1 CW. TURN (2) P302 CW FOR +290 ±5 MA AT A5 TEST JACKS. TURN OFF S2. _____
3.11 CONNECT DVM TO (1) TP306, SET (1) P301 CWW FOR -0.099 ±.016 VDC. _____
3.12 SET S2 ON, CONNECT DVM TO A5 TEST JACKS, SET P1 FOR 0.0 ±2 MA. _____
3.13 CONNECT DVM TO (2) TP307, READ AND RECORD VOLTAGE. _____ _____
3.14 ADD 300 MV TO VOLTAGE RECORDED IN STEP 13. SET P1 FOR THIS VOLTAGE AT TP307. _____
3.15 CONNECT DVM TO A5 TEST JACKS, SET (3) P303 CW FOR +200 ±2 MA. _____
3.16 SET P1 CW, A5 MORE POSITIVE THAN +280 MA. _____
3.17 SET P1 CCW, A5 MORE NEGATIVE THAN -280 MA. _____
3.18 SET P1 FOR 0.0 ±2 MA AT A5. _____
3.19 CONNECT DVM TO (9) TP301 (+) AND (10) TP304 (-) READ AND RECORD VOLTAGE. _____ _____
3.20 CONNECT DVM TO (10) TP304 (+) AND TO (8) TP302 (-). RECORD READING SHOULD BE WITHIN +0.2 VDC OF VOLTAGE IN STEP 19. _____ _____
3.21 SET S2 OFF, S3 ON, CONNECT DVM TO A5 TEST JACKS. SET P2 FOR 0 ±.2 MA AT A5. _____
3.22 CONNECT DVM TO (3) TP308, READ AND RECORD VOLTAGE. _____ _____

3.23 CONNECT DVM TO A5 TEST JACKS, SET P2 FOR +200 ±2 MA. _____

3.24 CONNECT DVM TO (3) TP308, VOLTAGE SHOULD BE (219 ±22 MV GREATER THAN VOLTAGE IN STEP 22. _____

3.25 SET S3 OFF, S4 ON. CONNECT DVM TO A5 TEST JACKS. SET P3 FOR 0.0 ±2 MA. _____

3.26 CONNECT DVM TO 7 TP309. READ AND RECORD VOLTAGE. _____

3.27 CONNECT DVM TO A5 TEST JACKS. SET P3 FOR +200 ±2 MA. _____

3.28 CONNECT DVM TO 7 TP309. VOLTAGE SHOULD BE 330 ±33 MV GREATER THAN STEP 26. _____

3.29 SET S3 ON. CONNECT DVM TO 3 TP308, SET P2 FOR -65.8 MV ±.05 MV. _____

3.30 SET P3 FULL CCW. S1 ON. CONNECT DVM TO 7 TP309. SET P3 FOR +1.804 ±.025 VDC. _____

3.31 CONNECT DVM TO A5 TEST JACKS. SET (1) P301 FOR 0.0 ±100 MA. _____

3.32 CONNECT SCOPE TO 9 TP301 (+) AND +30 VDC (-) NOISE LESS THAN 250 MV. (DO NOT INCLUDE SPIKES.) _____

3.33 CONNECT SCOPE TO 8 TP302 (+) AND -30 VDC (-) NOISE LESS THAN 250 MV. (DO NOT INCLUDE SPIKES.) _____

3.34 CONNECT SCOPE TO (10) TP304 (+) AND (11) TP305 (-) NOISE LESS THAN 250 MV. (DO NOT INCLUDE SPIKES.) _____

3.35 CONNECT SCOPE TO R311 TOP (+) AND COMMON (-) NOISE LESS THAN 50 MV. _____

3.36 TURN POWER OFF. _____