9.1.0 MATERIALS NEEDED:

9.1.1 One 5 VDC power supply @ 1. amp.

9.1.2 One ± 15 VDC power supply @ 1. amp.

9.1.3 Multimeter

9.2.0 VISUAL INSPECTION:

9.2.1 Check board components against ML.

9.2.2 Check hardware for tightness.

9.2.3 Check diodes and capacitor for correct installation and polarity.

9.2.4 Check nomenclature for legible print.

9.2.5 Check circuit runs for etching and solder bridges.

9.3.0 BERG JUMPER INSTALLATION:

9.3.1 Install the following berg jumpers:
* All pots fully clockwise.

J13E	J10E
J9E	J8E
J2E (DA4)	J7E
J15E	J4E
J11E	J3E
J17E	J1E
J5E	J18E

9.4.0 POWER CONNECTIONS:

9.4.1 Connect +5 VDC to DA49

9.4.2 Connect +15 VDC to DA43.

9.4.3 Connect -15 VDC to DA47.

9.4.4 Connect supply commons to DA45.

9.4.5 No lights should be on.

REV. 1 DSD-400 DSM 9-2-80	REV. 4	REV. 7	PRINTS TO [redacted]	ENGINEER AP	GENERAL ELECTRIC DSD SALEM, VA. U.S.A.	Test Specifications MOTOR EXCITATION Daughter Board
REV. 2	REV. 5	ISSUED July 19, 1979				DS 3800DMEA CONT. ON SH. 9AB SH. NO. 9AA
REV. 3	REV. 6	MADE BY F. Bartley 790426				

DSD 8151 (09-78)

9.5.0 ELECTRICAL TEST:

9.5.1 When tying the following points to common the LED's indicated should illuminate.

DA29	CR99	(moving)
DA39	CR99	(moving)
DA28	CR96	(alarm)
DA7	CR85	(FLD Loss)
DA11	CR84	(Tol)
DA5	CR83	(IOC)
DA8	CR82	(OV)
DA12	CR81	(OS)
DA9	CR80	(Tach Loss)

9.5.2 Measure the following points for the voltage stated:

TP5 = +4.5 $\pm$ .5 VDC

TP8 = +14.5 $\pm$ .5 VDC

TP6 = -14.5 $\pm$ .5 VDC

DA13, 22,24 = +14.5 $\pm$ .5 VDC

DA34 = +5.3 $\pm$ .25 VDC

9.5.3 End of Electrical Test:

9.6.0 Pots and resistors for correct values on ATE System.

9.7.0 END OF TEST

REV. 1 [illegible] DM 9-2-80	REV. 4	REV. 7	PRINTS TO [illegible] DL109	ENGINEER AR	GENERAL ELECTRIC DSD SALEM, VA. U.S.A.	Test Specifications MOTOR EXCITATION Daughter Board
REV. 2	REV. 5	ISSUED July 19, 1979				D S 3 8 0 0 D M E A
REV. 3	REV. 6	MADE BY F. Bartley 790426				SHT. ON SH. FL. SH. NO. 9AB

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