AFTROL

START UP PROCEDURE

1. Turn speed pot on the control station to zero.

2. A. Apply correct input voltage to controller.
   B. Green Leds RPS, CPS (regulator card), and Red Led IPS(inverter card) **SHOULD BE ON**.
   C. Three Red Leds out of the six should be on; (T11, T21, T31, T41, T51 and T61). **ALL LEDS DO NOT COME ON**.

3. A. Set the MIN SPD and VOLT BOOST pots CCW.
   B. If the load monitor card is installed, set the IR Comp pot fully CCW if it has not been present.

4. A. Press the start button on the control station.
   B. Run Led (Red), on regulator card; should be on.
   C. Red Leds G1, G2, and G3 on regulator card, should glow dimly.
   D. Leds T11, T21, T31, T41, T51, and T61 should start cycling on and off.

5. A. VOLT/HZ , MAX SPD POTS, and the MF1-MF2 jumpers should be set using the Regulator Card Adjustments.
   B. Slowly increase the speed pot on the control station.
   C. Leds T11-T61 should increase blinking frequency and the motor should begin to rotate.

6. **Check** the AC motor current with a clamp on ammeter.

7. **Check** the output voltage for balance.

MAKE SURE YOU CHECK ALL OPTION CARDS FOR PROPER OPERATION. USE ALL THE CONTROLS ON THE CONTROL STATION TO VERIFY PROPER OPERATION.