Computer Supervision Summary

I. Test Computer: (Prom Option)
a. Sends a message (00 OKAY @) every 45 seconds (approximately)
b. If ACK/NACK is DISABLED then this feature has little use. All it does is send the message to the computer and the computer will probably send it to an 'undefined' account number of '00 OKAY'.
c. If ACK/NACK is enabled then the 685 sends the 00 OKAY @ message which still gets logged to a special account, but will force the computer to send the control F (^F) message indicating acknowledgment.

II. Test Message: (Prom Option)
a. A low speed message of C Test 9 is sent to the computer every 10 minutes.
b. The computer doesn't need special programming
c. The C TEST 9 message does not go to the printer.
d. If ACK/NACK is enabled the receiver must get the ^F from the computer.

III. ACK/NACK: (Prom Option)
a. The receiver will expect the ^F message every time a message is sent to the computer from the 685.
b. If using only this option as supervision the receiver will look for an acknowledgment from the computer only when a signal is received and is sent through the computer port.

IV. Computer Testing the 685
a. The 685 out of the box, with no programming at all will allow the computer to send an 'S' (ASCII 83). The 685 will respond with the 00 OKAY @ message

V. DTR:
a. Checks the voltage on Pin 20 of the cable.
b. A (+) voltage on Pin 20 indicates the computer is ready for data.