ST-8000A KEYPAD TEST PROCEDURE
INCOMING Q/A HAL TEST PROCEDURE

MANUFACTURING WORK ORDER (MWO):   72308001.MWO

REF: SCHEMATIC DRAWINGS A1785   REV: -
    PICTORIAL DRAWINGS C1407   REV: D
    MECHANICAL DRAWINGS B1453   REV: C
            B1463   REV: D

    WIRING SAMPLE: WS920-80005 REV: A
    PARTS LISTS: PL920-08005 REV: B

1.0 FACTORY TEST PROCEDURES AND CONFIGURATION

The following pages provide procedures for factory initial testing of the ST-8000A keypad and is not intended as a procedure for field maintenance. This procedure assumes access to factory test equipment and jigs that are not available for field maintenance.

All problems discovered while testing the keypadshould be   recorded. If the keypad should fail testing, it should be marked as being defective and rejected. Those passing the test can be submitted for installation in the next assembly (Front Panel A3C).

2.0   TEST EQUIPMENT REQUIRED

The following test instrument or its equivalent is essential to the proper completion of the described tests:

ST-8000A Keypad test fixture   TF723-08001   REV: -

3.0   TEST PROCEDURE:

STEP   ACTION

3.1   Preliminary Inspection:
     Verify that the keypad is free from cosmetic and mechanical defects.

3.2   Connect the keypad, face up, to the test fixture.

     * NOTE * The keypad should be placed on a soft, debris-   free area to prevent damage to the keypad.

STEP   ACTION

3.3   Press the buttons on the keypad. The corresponding row and column LEDs should light. There should be only two LEDs on at any time. With no buttons pressed no LEDs should light.

     EXAMPLE: Press ENTER on the keypad. LED labeled C0 and LED labeled R3 should light. Release the button and all LEDs should be off.

3.4   After successful testing carefully remove the ST-8000A Keypad from the test fixture by grasping the plastic connector on the end of the cable, NOT the cable itself. Place a green dot on the cable to indicate the cable has passed testing. Submit the keypad for installation in the next assembly (Front Panel A3C).

3.5   Initial MWO and pass MWO and units to Q/A Inspector.