

## SENSOR I/O MAPS

### AUTO MODE MAPS:

A400 — Tests Attachment Program Operations Links to A401 to complete attachment card. Cables to terminator card and terminator card testing.

A800 — Tests AI Functions Calls following MAPS as required by machine configuration

A801 — AI Control Test

A802 — Multirange Amplifier Test

A803 — S/S Multiplexor Test

A804 — R/R Multiplexor Test

NOTE: A801 thru A804 must be entered via A800 for predictable results.

A900 — Tests AO Devices

B000 — Tests DI Card Features

B400 — Tests DO Card Features

NOTE: Automatic MAPS do not cause any output connections to customer cables to change status on a normally operating system. No special tools are needed.

### MANUAL MODE MAPS:

NOTE: To run Manual Mode MAPS it is necessary to isolate the customer interface cables.

NOTE: MAP 1474 should be used to verify power supply ok.

A805 — Manual ADJ. of AI

Tools Needed: Fluke Meter Mode 885A, 885AC, 885C or equivalent.

Sequence		Part	EC 374831				
18A4AA	1 of 2	6826712	7-1-78				

Sequence		Part	EC 374831				
18A4AA	2 of 2	6826712	7-1-78				

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**MANUAL MAP CONTINUED**

A806 — Manual AI Control Card Test

Tools Needed:

1. S.I.O. Card Extender 4412650
2. C.E. Multimeter
3. Alligator Clip Jumper 4410235
4. General Purpose Logic Probe

A807 — Manual Multirange Amplifier Card Test

Tools Needed:

Same as MAP A806

A808 — Manual S/S Multiplexor Test

Tools Needed:

1. S.I.O. Card Extendor Tool 4412650
2. CE Multimeter
3. Alligator Clip Jumper 4410235
4. AI Test Tool 4410181
5. Fluke Meter Mod. 885A, AB, C or Equiv.
6. General Logic Probe
7. Voltmeter Test Lead 4410236

A809 — Manual R/R Multiplexor Test

Tools Needed:

Same as A808

A810 — Called by A808 or A809 — Needs info passed from A808 on A809 — not to be loaded manually

A901 — Manual Observation of AO

Tools Needed:

1. Fluke Meter Mod. 885A, AB, C or Equiv.

A902 — Manual ADJ. of AO

Tools Needed:

Same as A901

B001 — Manual Test of DI

Tools Needed:

1. DI Test Tool 4412728 Non-isolated DI
2. DI Test Tool 4412726 Isolated DI

B401 — Manual Test of DO

Tools Needed

1. DO Test Tool 4411660

Refer to Prolog A400 for more information.