Basic – E
CONTROLLER

Modes:

Press the
Mode Button
and ----

MODE: PASS   C

Basic/E
Irrigation Controller

Mode
Delay/Pass
Speed
Valves Away
Valves Home

Run   Select
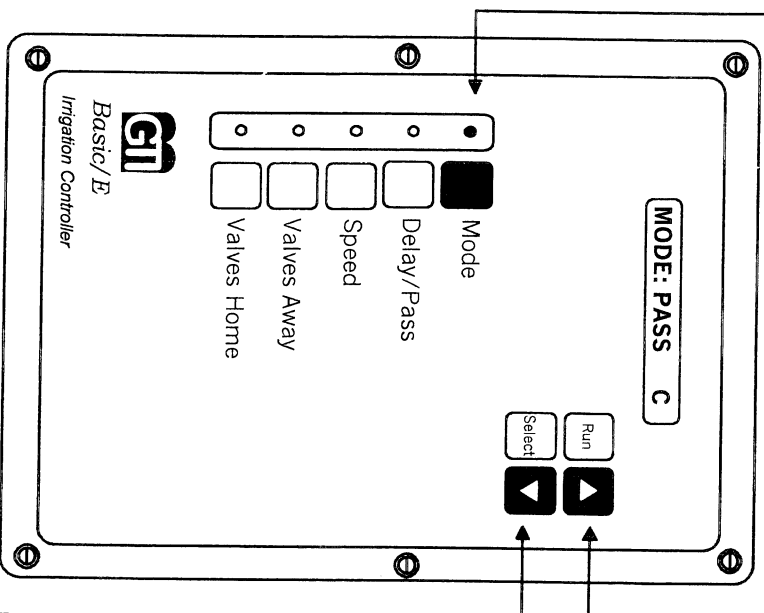
---- Press the up or
down arrow to display
the mode you want.

Modes Available:

Pass: Program the boom to
make a certain number of passes.

Delay: Program the boom to
make a single pass at pre-defined
intervals during certain times of the
day or night.

Jog Forward: To move the boom
forward.

Jog Reverse: To move the boom
backward or in the reverse direction.

Home: Move the boom to the
home position

Away: Move the boom to the
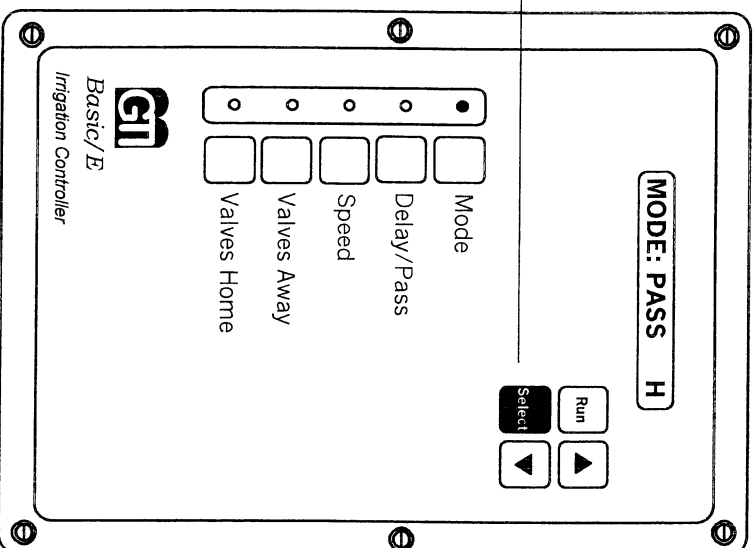away position

Location: Program the boom to
know its current location in the bay.

Time: Display current time

Test: Test boom hardware

MODE: PASS

Once You Display
the PASS Mode
You ---

---- Press the <u>Select Key</u> to Program the
Pass Mode or Press the <u>Run Key</u>
to Start the Mode.

| Select | Press |

PASS: 02

► ◄ Press up or down
arrow to increase
or decrease the
number of passes
Range = 1 - 99

| Select | Press |

SPEED: 12

► ◄ Press up or down
arrow to increase
or decrease speed.
Range= 1 - 24

| Select | Press |

AWAY: 1 - -

► ◄ Press up arrow key
to select valve and
press lower arrow
to move to next valve
position.
Valves = 1,2,3

| Select | Press |

HOME: - 2 -

► ◄ Press up arrow key
to select valve and
press lower arrow
to move to next valve
position.
Valves = 1,2,3
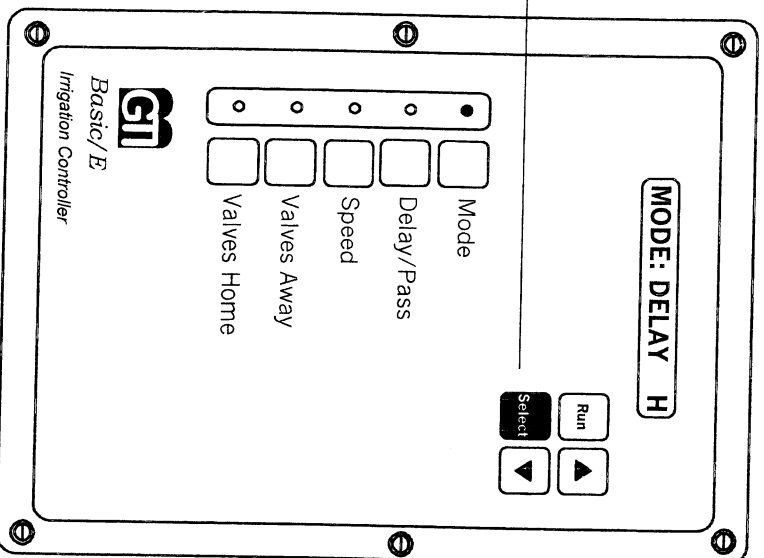

| Select | Press |

MODE: PASS   H

| Run | Press |

Pressing run will start
the boom running.
The boom will make
2 complete passes
at speed 12 from the
home position to the
away and back
again. The valve 1
will be on in the away
direction and the valve
2 will be on in the home
direction.

Note: You can stop the
boom by pressing the run
button again.

MODE: DELAY

--- Press the <u>Select Key</u> to Program the Delay Mode or Press the <u>Run Key</u> to Start the Mode.

MODE: DELAY H

Select Run ◀ ▶

Basic/E
Irrigation Controller

GI

Mode
Delay/Pass
Speed
Valves Away
Valves Home

Select Press

TIME ZONE: 1

▶
◀ Press up or down arrow to select the Time Zone you want to edit. Range = 1 - 3

Select Press

START TIME: 08:00

▶
◀ Press up or down arrow to change the time to the start time for Time Zone 1

Note: Press and hold the arrow key down and the time will change quickly. Time is in military. Range = 00:00 - 24:00

Select Press

END TIME: 17:00

▶
◀ Press up or down arrow to change the time to the end time for Time Zone 1

Note: Press and hold the arrow key down and the time will change quickly. Time is in military. Range = 00:00 - 24:00

Select Press

DELAY: 015

▶
◀ Press up or down arrow to select the interval or time between passes. Range: 1-240 Minutes

Select Press

SPEED: 12

▶
◀ Press up or down arrow to increase or decrease speed. Range= 1 - 24

AWAY: 1 - -

▶
◀ Press up arrow key to select valve and press lower arrow to move to next valve position. Valves = 1,2,3

HOME: 2 -

▶
◀ Press up arrow key to select valve and press lower arrow to move to next valve position. Valves = 1,2,3
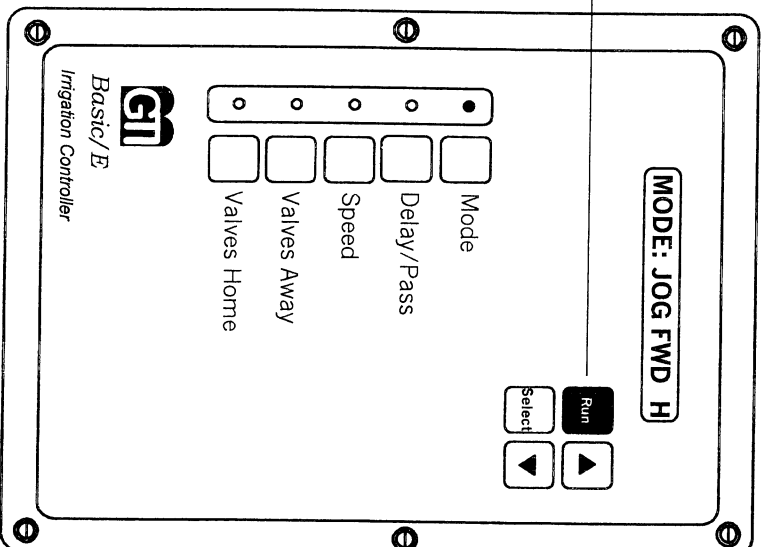
TIME ZONE: 2

At this point you can program additional time zones repeating the previous steps, start the boom by pressing the start button or change modes by pressing the mode button and using the arrow keys to change modes.

Note: If you start the boom and need to stop it you can stop the boom by pressing the run button again.

MODE: JOG FORWARD

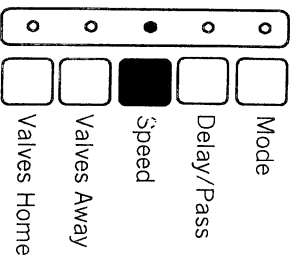Once You Display
the JOG FORWARD
Mode You ---

---- Press the Run Key to Jog the
Boom Forward

MODE: JOG FWD H

Basic/E
Irrigation Controller

GI

Mode
Delay/Pass
Speed
Valves Away
Valves Home

Run
Select
◄ ►

[Run] Press

Press RUN to start
the boom.

You can adjust Boom
SPEED in Jog Forward
Mode.

Valves Home
Valves Away
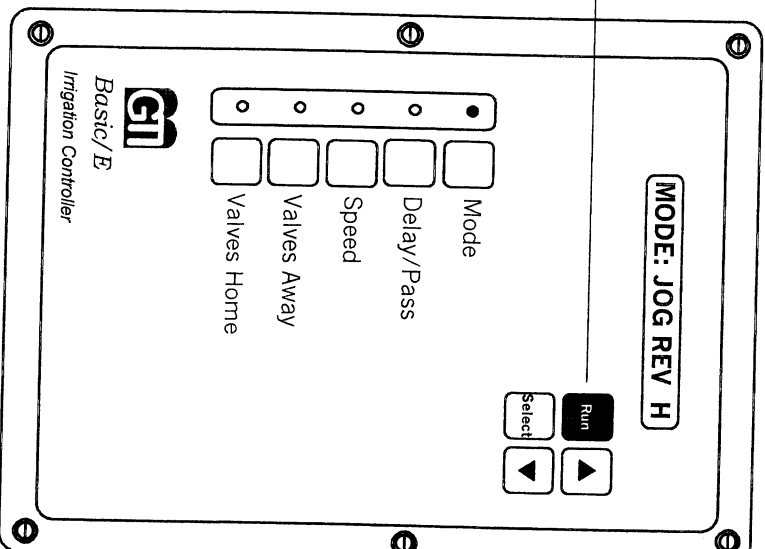Speed
Delay/Pass
Mode

SPEED: 12

[►] Press up or down
arrow to increase
or decrease speed.
[◄] Range= 1 - 24

[Run] Press

Press RUN to Stop
the boom.

MODE: JOG REVERSE

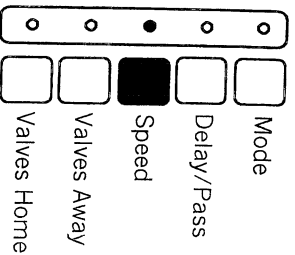Once You Display
the JOG REVERSE
Mode You ---

MODE: JOG REV H

Gi

Basic/E
Irrigation Controller

Select   Run   ◄ ►

Mode
Delay/Pass
Speed
Valves Away
Valves Home

--- Press the Run Key to Jog the
Boom in Reverse

Run   Press

Press RUN to Stop
the boom.

SPEED: 12

►   Press up or down
◄   arrow to increase
    or decrease speed.
    Range= 1 - 24

You can adjust Boom
SPEED in Jog Forward
Mode.

Press RUN to start
the boom.

Run   Press

Mode
Delay/Pass
Speed
Valves Away
Valves Home

MODE: LOCATION

Once You Display
the LOCATION
MODE You ...

MODE: LOCATION H

Basic/E
Irrigation Controller

Mode
Delay/Pass
Speed
Valves Away
Valves Home

Select Run ◀ ▶
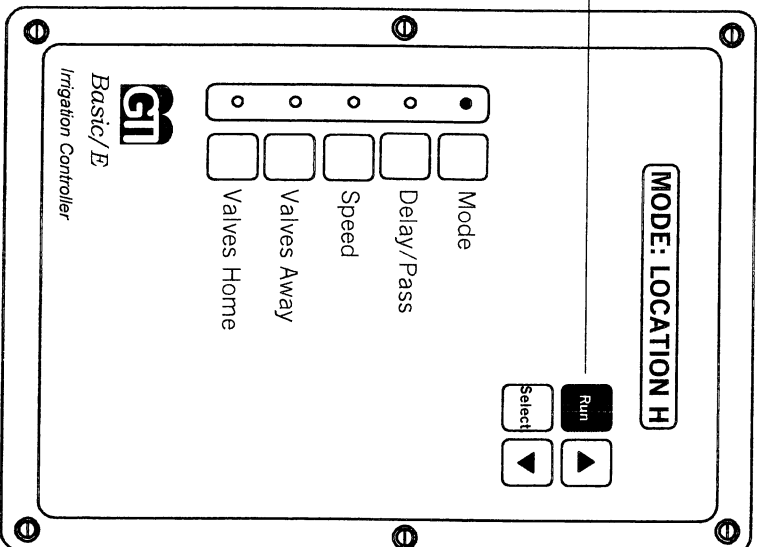
---- Press the <u>Run Key</u> to Jog the
Boom Forward

Run Press

Press RUN toset the
current boom location.

BOOM LOCATION H

▶ ◀ Press up or down
arrow to change the
current boom
location.

H = Home
C = Crop
A = Away

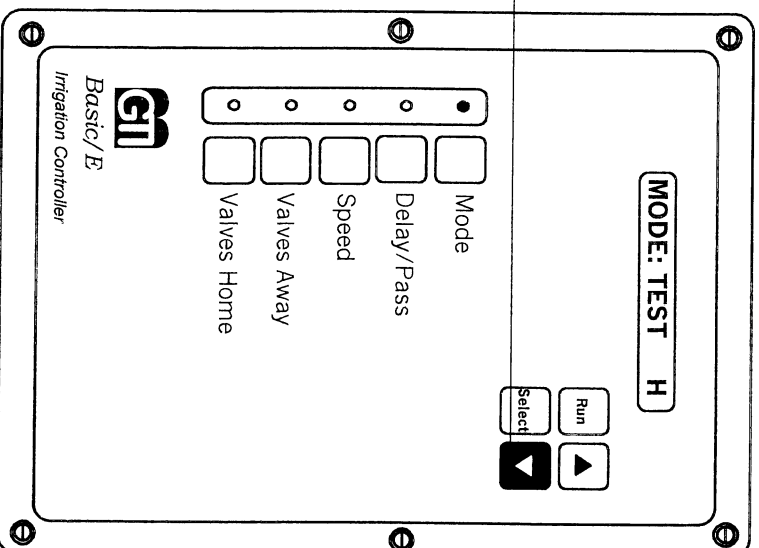You want the boom
location on the con-
troller to match the
actual location of the
boom in the bay.

Run Press

Takes you back to the
mode screen.

MODE: LOCATION H

◄ Press

Note: Unplug Controller and then Power-up the Controller while pressing the Down Arrow Key.

TIME: *00:00

◄ ►

Press the up or down arrow key to increase or decrease the hours.

Select

Press the Select key to move the asterisk to the Minutes. Press the up or down arrow key to increase or decrease the minutes
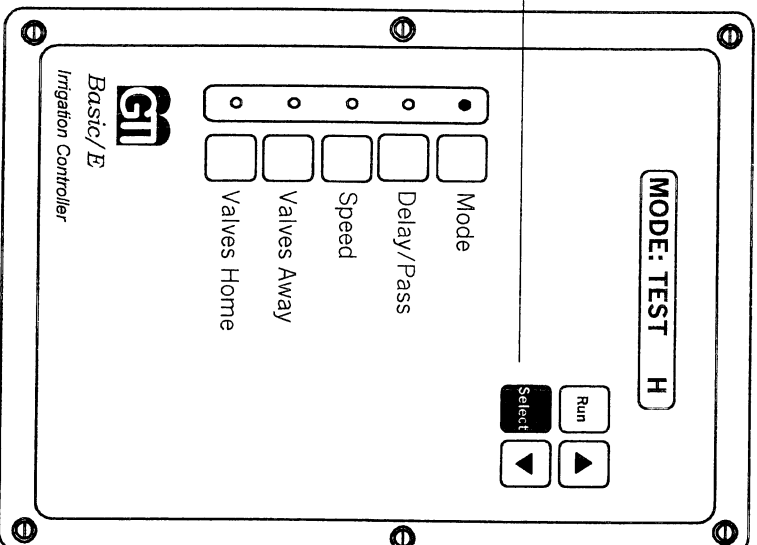
CURRENT TIME IS IN MILITARTY USING 00:00 - 24:00

Run

Press Run to go to the mode screen.

MODE: TEST   H

Run   Select

►   ◄

○ ○ ○ ○ ●

Mode
Delay/Pass
Speed
Valves Away
Valves Home

GI
Basic/E
Irrigation Controller

MODE: TEST

Once You Display
the PASS Mode
You ---

---- Press the <u>Select Key</u> to Program the
Pass Mode or Press the <u>Run Key</u>
to Start the Mode.

| MODE: TEST   H |

GT
Basic/ E
Irrigation Controller

○ Mode
○ Delay/Pass
○ Speed
○ Valves Away
● Valves Home

Run   Select   ◄ ►

Run   Press

| VALVES: - - -   H |

► Press the up arrow
key move between
valve 1,2,3 and

◄ the down arrow
key to turn on the
valves.

After the 3rd valve you
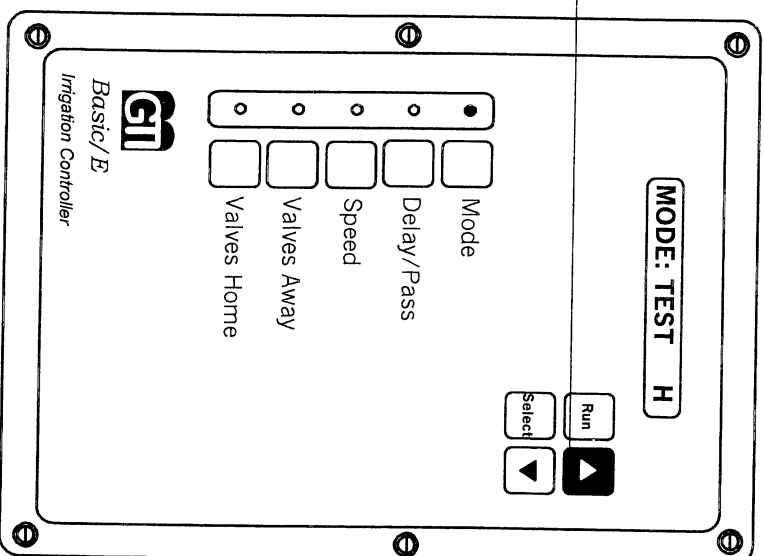will see the following
screen

| SWITCH: 123456 H |

Each number represents
a magnet read switch.

1 = **Motion**
2 = **Job Forward**
3 = **Job Reverse**
4 = **Collision**
5 = **Remote Start**
6 = **Index**

At this point if you place
a magnet near one of
the magnet switches
the number corresponding
to that switch should
appear on the screen.

This is an excellent screen
when you need to trouble
shoot a sensor or make
sure you have the sensors
wired correctly.
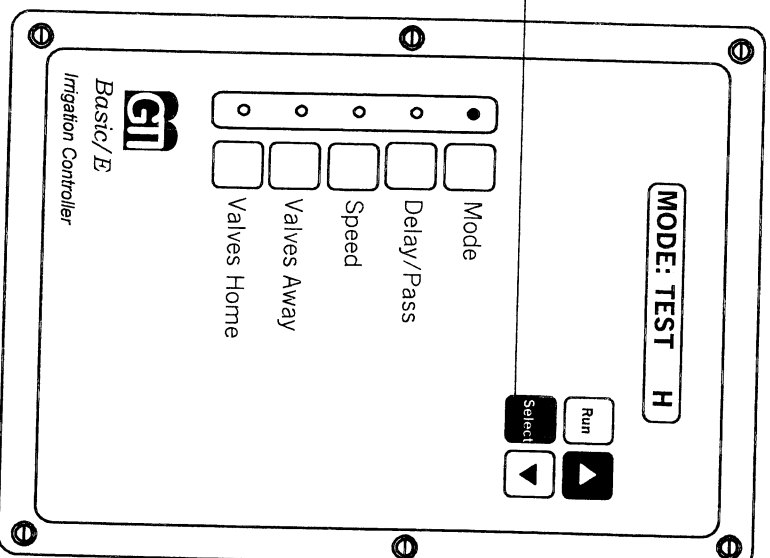
ENABLE / DISABLE
MOTION ALARM

MODE: TEST   H

Basic/E
Irrigation Controller

○ ○ ○ ○ ●

Valves Home
Valves Away
Speed
Delay/Pass
Mode

Run ◄ ▶ Select

▶ Press

Run   Press Run to go to the
mode screen.

Note: Under normal
circumstances the motion
alarm should be enabled!

Note: Unplug Controller
and then Power-up the
Controller while pressing
the Up Arrow Key.

| MOTION ENABLED |

▶ ◄   Press the up or down
arrow key to Enable or
Dis-Able The Motion
Alarm

Note: Unplug Controller and then Power-up the Controller while pressing the Select Key.

BATRAM CORRUPT

Press [Select]

Note: Press Run to go to the mode screen. [Run]

Note: This key will reset the controller to factory original.

MODE: TEST   H

Basic/E
Irrigation Controller

GI

- Mode
- Delay/Pass
- Speed
- Valves Away
- Valves Home

Select | Run | ◄ | ►