

HAPP CONTROLS

Part Number 96-0256-00

Gun/Gun PCB Tester Operating Instructions:

Testing Boards:

To test a board with a four pin connector:

Plug the board into the four pin female connector "P1".

To test a board with a six pin connector:

Plug the board into the six pin female connector "P2".

With a board installed and properly operating the LED labeled "GUN TEST PASS" will turn on. When an object is put between the LED labeled "PCB" and the optic detector on the gun PCB, the green LED labeled "GUN TEST PASS" will turn off. Block and unblock several times to verify proper operation.

The Trigger function may be checked by simply depressing the button labeled "TRIGGER TEST BUTTON", When this button is depressed the red LED labeled "TRIGGER TEST PASS" will turn on.

This function will not work with an original (ATARI) AREA 51 or MAXIMUM FORCE gun.

Testing Guns:

To test a Happ gun :

On the tester harnesses plug the six position male connector labeled "P4" into the six position female connector labeled "P3". Then plug the four position female connector on the gun into the four pin male connector labeled "P5".

To test an Atari Gun Simply plug the existing connector on the gun into the six position female connector labeled "P3" on the tester.

When a working gun is connected and aimed at the LED labeled "GUN" the green LED labeled "GUN TEST PASS" will turn on. When an object is put between LED labeled "GUN" and the gun the "GUN TEST PASS" LED will turn off. Block and unblock several times to verify proper operation.

When a gun is connected and the trigger function is to be tested the button labeled "TRIGGER TEST BUTTON" should be held down. At this time the LED labeled "TRIGGER TEST PASS" will turn on.

When the trigger on the gun is squeezed this LED will turn off.

This function will not work with an original (ATARI) AREA 51 or MAXIMUM FORCE gun.

NOTE: The Service GROUND is for connecting a scope or meter ground.

Tester Expansion Harness Operating Instructions:

Plug P6 on the Expansion Harness (HAPP P/N 96-0274-00) into "P3" on the existing tester harness.

To test an Incredible Technologies Big Buck Hunter PCB (HAPP PN 95-1019-00) plug the PCB into the connector labeled "P7" on the EXPANSION HARNESS. Point the optic on the PCB at the emitter for PCB test on the tester.

The "GUN TEST PASS" LED will light on the tester. There is no capability for testing the TRIGGER or the PUMP function with the PCB out of the Gun.

To test the HAPP Controls RECOIL gun connect the gun to the connector labeled "P8" on the EXPANSION HARNESS. Place the optic end of the gun Facing the EMITTER on the test box (the emitter which is closest to and facing the edge of the tester). the "GUN TEST PASS" LED will light. To test the trigger push the button labeled "TRIGGER TEST BUTTON" on the tester and the trigger on the gun. The "TRIGGER TEST PASS" LED will light.

NOTE: The recoil function cannot be tested with the Gun Tester.

To test the complete Incredible Technologies Big Buck Hunter gun connect the connector on the gun harness to connector P9 on the Expansion Harness. Point the barrel of the gun at the optic on the right side of the tester. The "GUN TEST PASS" LED will light on the tester. To Test the trigger hold down the "TRIGGER TEST BUTTON" on the tester and squeeze the trigger, the "TRIGGER TEST PASS" LED on the tester will light. To test the pump on the gun slide the pump backwards towards the stock, the LED in the expansion harness will light.

To test the complete Sammy USA Deer Hunter gun connect the connector on the gun harness to connector "P10" on the Expansion Harness. Point the barrel of the gun at the optic on the right side of the tester. The "GUN TEST PASS" LED will light on the tester. To Test the trigger hold down the "TRIGGER TEST BUTTON" on the tester and squeeze the trigger, the "TRIGGER TEST PASS" LED on the tester will light.

To test the pump on the gun slide the pump backwards towards the stock, the LED in the expansion harness will light.

HAPP CONTROLS
106 Garlisch Drive
Elk Grove, Illinois 60007
Phone 888-BUY-HAPP (289-4277) FAX 800-593-HAPP (4277)
Phone 847-593-6130 FAX 847-593-6137
www.happcontrols.com