

**For runway lights and IWDI controllers**

Testing and Ground Activation of Code Receivers and VHF Receivers

Made in Australia

THE WSS AVILITE SYSTEM IS MADE FOR AIRPORT OWNERS AND OPERATORS WHOSE CRITICAL REQUIREMENTS ARE INDEPENDENT PILOT ACTIVATION, LONG-TERM RELIABILITY AND EASY MAINTENANCE.

**APPLICATION**

These small hand-held testers complement the operation and maintenance tasks associated with an AviLite Pilot Activated Lighting (PAL) system.

Ground personnel can use the testers to activate the complete lighting system without the presence of an aircraft.

The Code Receiver Tester is used to check the operation of AviLite Solar Runway Lights used to mark the airstrip. It has a short range that will allow on/off control of up to four SRLs at the one time, independent of the Master Control Unit.

The VHF Receiver Tester is used to check the operation of the radio receiver used by the Master Control Unit. It will also check any secondary MCUs that may be used on the airfield.

A small but very strong "rare earth" Test Magnet is used for cone maintenance or to manually activate individual cones.

**DIMENSIONS****Code Receiver Tester**

- > 55mm(W) x 90mm(L) x 20mm(D)
- > Weight: 100g (including battery)
- > Internal antenna

**VHF Receiver Tester**

- > 55mm(W) x 125mm(L) x 23mm(D)
- > Weight: 170g (including battery)
- > Overall length with antenna, 340mm
- > Antenna mount: BNC 50 Ohm

**Test Magnet**

- > 7mm diameter

**FEATURES****Code Receiver Tester**

- > Fixed frequency
- > Low radiated power
- > Internal antenna
- > Pocket sized ABS plastic case
- > 2-button operation turns cones on and off
- > Audio confirmation of transmission
- > 9V internal battery (standard size)

**VHF Receiver Tester**

- > Fixed frequency
- > Low radiated power
- > Lightweight aluminium case
- > Removable and flexible rubber encased antenna
- > LED light confirmation of transmission
- > 9V internal battery (standard size)

**OPERATION****Code Receiver Tester***AT NIGHT*

- > Press and hold "A" to activate light on cone
- > Press and hold "B" to turn light off

*DURING DAYLIGHT*

- > Use magnet on cone (light flashes twice)
- > Press and hold "A" to activate light on cone
- > Press and hold "B" to turn light off

**VHF Receiver Tester**

- > Press button 3 times to activate IWDI
  - Each press must be between 1 and 5 seconds
  - All three presses must be within 25 seconds

**ORDERING**

- HHT/C** - Code Receiver Tester
- HHT/V** - VHF Receiver Tester (specify frequency)
- HHT/M** - Test Magnet