spidertracks

Please follow these steps for testing the correct operation of a Spider S6.

Spider Test Procedure

1. Power the Spider. It requires a clear view of the sky.
   Wait for:
   - Power LED on the left of the unit to turn green to show power.
   - GPS Signal LED on the right to turn amber to show GPS fix.
   - GPS Signal LED on the right to turn green. (The first point will be sent when the GPS Signal LED turns green.)

2. Open the Flying page to show the aircraft it is assigned to in the spidertracks website. Leave it going for a period long enough for at least three position reports to be sent.
   Wait for:
   - Green position reports with correct time (UTC and local)
   Confirm:
   - UTC time / Local time correct
   - Position reports come in at the set time interval (if set to distance, you should only get one position report)

3. Press the mark button once, twice, three times, and four times to send mark one through four. Allow a 30 second time interval between each mark.
   Go to the Flying page on the spidertracks website and view the points of interest to ensure the mark button (1 – 4) have been received.
   Confirm:
   - Mark one received
   - Mark two received
   - Mark three received
   - Mark four received

4. Press the Watch button on the unit.
   Confirm:
   - Watch on position report shown in the points of interest on the website
   - Position report is Blue
   - Green Watch LED above the Watch button is on to show Spider is in Watch mode
   - Blue position report on website
   - Watch on message received in points of interest

5. Press the Watch button to turn Watch off.
   Wait for:
   - Watch LED to stop flashing
   Confirm:
   - Watch off report shown in website
   - Watch LED turns off
   - Watch off message received by website

6. Press the SOS button and confirm SOS received to email and mobile phones set in contacts list.

Confirm:
- SOS email received by all contacts
- SOS text messages received by all contacts
- SOS shown on website

7. Resolve SOS via phone and confirm alert resolved email and text messages are received.
   Confirm:
   - SOS resolved message received by all contacts

8. Power unit down, power unit back up.
   Wait for:
   - GPS Signal LED on the right to turn green to show GPS fix

   Press Watch on button.
   Confirm:
   - Watch on message received in website

   Power the unit down without pressing the Watch button
   Confirm:
   - System generated SOS is created within 10 minutes of last position report
   - System generated SOS is received by all contacts by text message and email