



Please follow these steps for testing the correct operation of a Spider 7.

## Spider Test Procedure

1. Power the Spider. Please note that it requires a clear view of the sky.

Wait for:

- Power LED on the Spider keypad and/or Spider (center LED on the Spider)
- GPS signal LED on the right of the keypad to turn amber, to show GPS fix. (Or left LED on the Spider unit)
- GPS signal LED on the right of the keypad to turn green. (Or right LED on the Spider unit) The first point will be sent when the GPS signal LED turns green.

2. GPS signal LED on the right of the keypad to turn green. (Or right LED on the Spider unit) The first point will be sent when the GPS signal LED turns green.

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, therefore we recommend using a time reporting interval)

3. Press the mark button on the keypad 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 keypad to turn Watch on.

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 on the keypad 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 on the keypad 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 the keypad to turn Watch on and confirm:

- Watch on message received in website

Power the unit down without pressing the Watch button and 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