

Download Procedure Data Tracks to Google Earth:

Apple Safari:

1. ___ Connect Solimeta Pro2 USB cable to SP2.
2. ___ Connect USB cable to USB port in Apple computer.
3. ___ Power up SP2. “**Pro_2**” icon appears on desktop.
4. ___ Double-click icon. Open Google Earth.
5. ___ Under File menu, click on “**Open...**”
6. ___ Click on “**Pro_2**” (highlights).
7. ___ Click on “**Open**”. Select “.LOG” file(s) to open.
8. ___ Click on “**Open**”.
9. ___ Under “**Google Earth – GPS Data Import**” choose:
“**Create KML Tracks; Adjust altitudes to ground height**”.
10. ___ Click on “**OK**”. Data is downloaded/displat to Google Earth
11. ___ To delete files, highlight .LOG files, **Command-Delete**.
12. ___ On desktop, click once on **Pro_2**, then **Command-E** to eject.

Microsoft Explorer:

1. ___ Connect Solimeta Pro2 USB cable to SP2.
2. ___ Connect USB cable to USB port on PC.
3. ___ **Pro_2** appears as a flash drive in Windows Explorer.
4. ___ Open Google Earth.
5. ___ Under File menu, click on “**Open...**”
6. ___ Click on **Pro_2** in the list of drives (highlights).
7. ___ Ensure the file filter is set to **GPS**.
8. ___ Select “.LOG” file(s) to open.
9. ___ Click on “**Open**”.
11. ___ Under “**Google Earth – GPS Data Import**” choose:
“**Create KML Tracks; Adjust altitudes to ground height**”.
12. ___ Click on “**OK**”.
13. ___ To delete track files, select .LOG files and delete. Do **NOT** delete Solimeta.txt.

Solmeta Pro 2 GPS and Data Logger

Settings and Data Download Procedure to Google Earth

AIRBORNE PHOTOGRAPHER’S OPERATING HANDBOOK CIVIL AIR PATROL

Advanced Digital Imagery System

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A. Solmeta Pro2 (SP2) Settings

Notes: SP2 device can be set without being attached to camera or cable. **Lightly** press function buttons when indicated! If “CPU 1” appears at any time, press **ENTER** twice. At any time you wish to save settings, briefly touch the power button.

1. ___ Lightly press **Power** button until LCD screen initially activates then release **Power** button. (Ver 2.5 or current firmware appears briefly upon startup)
2. ___ Ensure SP2 battery icon indicate full charge (upper right corner) of LCD screen.
3. ___ **Ensure** steady GPS icon (upper left) indicating GPS lock. You may need to do this outdoors with view of open sky above you initially to get first lock. The top left of the display will show the number of satellites you are locked onto.
4. ___ Press **MENU** button until **SET?** appears flashing on screen. Press **ENTER**, press **MENU** twice.
5. ___ SET **Alt FT** appears on screen. Press **MENU** twice.
6. ___ SET **DAT** appears on screen. Press **ENTER**
7. ___ Press **MENU** until “**dd.MM.yyyy**” is displayed.
8. ___ Press **ENTER**, press **MENU**
9. ___ In SET “**SPE**” (Speed) mode, press **ENTER**
10. ___ Press **MENU** until “**0 N**” (Nautical) is displayed.
11. ___ Press **ENTER**, press **MENU**
12. ___ At “**FAT ###Mb**” (memory left), press **ENTER** twice, press **MENU** to: “**00:00:05**”
13. ___ (GPS waypoints will be 5 sec apart). Press **ENTER**
14. ___ Press **MENU** Five times.
15. ___ SET **CAL** will appear on screen.
16. ___ Press **ENTER** (Display shows dashed line race track to calibrate SP2 magnetic heading)
17. ___ As viewed from LED screen of SP2, slowly rotate SP2 about vertical axis CW twice.

18. ___ Slowly rotate SP2 about horizontal axis CW twice (as viewed from back, right side of SP2)
19. ___ As viewed LED screen, slowly rotate SP2 about horizontal through center axis CW twice.
20. ___ Press **ENTER**
21. ___ At **CAL** Ok (Calibration OK), press **ENTER**
22. ___ At **CAL**, press **MENU**
23. ___ Press Power Button lightly briefly and release to exit setup.

Set True North (This step is required by FEMA)

1. ___ Press **MENU** button until **SET?** appears flashing on screen.
2. ___ Press **ENTER**
3. ___ Press **MENU** until you see SET **CAL** appear on screen. Press **MENU** once.
4. ___ Press **ENTER** Then Press **MENU** until you see **TN** flashing.
5. ___ Press **ENTER** The display now starts flashing.
6. ___ Now using an external compass as the reference, point the SP2 in the direction of **True North**. Press **ENTER** to lock in the setting when the SP2 is pointed in the correct direction.
7. ___ Press Power Button lightly briefly and release to exit setup.

Turn on log tracking mode

1. ___ Press Power Button briefly and lightly.
2. ___ Flashing “Auto?” appears. Press **MENU**
3. ___ Flashing “ON ?” appears. Press **ENTER**
4. ___ At this point the display returns to normal mode and the log tracker is enabled.

Turn off SP2

1. ___ To power down, briefly press and hold the power button for about 3 seconds. Then release the button.
2. ___ At flashing “OFF?” display, lightly and briefly, press enter to power down.