GPS Tracks and Recording Options

Stratos Tactical GPS Altimeter · https://deepandsteep.io/knowledge/stratos-gps-tracks-and-recording-options/

Last updated November 15, 2026

The Stratos records a GPS track of every jump automatically, and you can record by hand for other activities. You can view your tracks in the Deep and Steep app, or copy them from the Stratos as CSV files. For operational security, you can turn off recording completely.

Recording Modes

1. From the GPS screen, press the center button.
2. Select **Rec**. Each press of the center button changes the setting to the next mode.

[Stratos GPS menu: Markers List, Add Marker, M. Declination -7, Rec Auto]

GPS menu

Auto

The Stratos records every jump automatically. On the ground, the GPS is in low-power mode to save battery. When the Stratos detects the climb and is above about 330 ft (100 m), it starts a track and records:

- every 30 seconds in the aircraft
- 3 to 4 times per second in freefall and under canopy

After landing, the GPS returns to low-power mode until the next climb.

Manual (Low)

Turns the GPS on and starts recording immediately, even on the ground. It records:

- every 30 seconds on the ground and in the aircraft
- 3 to 4 times per second in freefall and under canopy

After landing, the mode changes back to **Auto**.

Manual (High)

Turns the GPS on and records 3 to 4 times per second the whole time. Use it away from the dropzone for other activities, such as BASE, speed flying and paragliding.

It records until you change back to **Auto**. If you make a jump, the mode changes back to Auto after landing.

Disabled

Records no track. The GPS still turns on in the aircraft for navigation, and returns to low-power mode after landing.

Note

In the aircraft, in freefall and under canopy, the GPS still works for navigation. Only track recording is off.

Locked

Appears when GPS recording is locked with a PIN. You cannot change the mode until you remove the lock. See GPS Recording Lock (OpSec).

Note

Manual (Low) and Manual (High) change back to Auto after landing and after a forced restart. Disabled stays set until you change it.

Recording Status on the GPS Screen

[Stratos GPS screen showing signal strength, the DIP LZ-OSCAR at 5.1 nautical miles, the HARP HARP-X at 4.2 nautical miles, and GPS Rec Yes]

Recording

[Stratos GPS screen with GPS Rec Disabled]

Recording disabled

GPS Rec shows	Meaning
Yes	A track is recording now
No	Not recording now (for example on the ground in Auto)
Disabled	The recording mode is Disabled
Locked	Recording is locked with a PIN

When the battery is nearly empty, the GPS turns off and the GPS screen shows **Disabled** in place of the signal bars.

[Stratos GPS screen with Disabled in place of the signal bars, the DIP and HARP names without distances, and GPS Rec No]

GPS off, battery nearly empty

GPS Track Files

The Stratos stores the track files in its memory. To get them, use the Deep and Steep app (see Deep and Steep App Overview), or connect the Stratos to a computer with **USB Connect**.

- Skydive tracks are in the `skydive_tracks` folder, named `gps_XXXXX.csv` where XXXXX is the jump number. Jump 123 has the track `gps_00123.csv`.
- Tracks recorded in a manual mode without a jump are in the `other_tracks` folder, with a random number in the name. To find one, sort the files by date created.
- If a manual recording includes a jump, the Stratos renames the track with the jump number and moves it to `skydive_tracks`.

Note

When the memory runs low, the Stratos deletes the oldest tracks: the oldest manual tracks first, then the oldest skydive tracks. Copy any track you want to keep.

For more on reading track data, see Understanding GPS Track Data.

GPS System Settings

From the Home screen, press the center button, and select System → GPS.

[Stratos System GPS menu: GPS Reset, Delete All Tracks, Lock Recording]

System → GPS

GPS Reset

Resets the GPS receiver. Use it when the GPS shows 0 bars in an open area with a clear view of the sky, or does not work well in the aircraft. After a reset, the GPS can take a few minutes to find its position. See GPS Signal Best Practices.

Delete All Tracks

Deletes every track in `skydive_tracks` and `other_tracks`. The delete is permanent. The logbook does not change.

Caution

Delete All Tracks also deletes any other files you copied into the `skydive_tracks` or `other_tracks` folders.

Lock Recording

Locks GPS recording with a PIN. See GPS Recording Lock (OpSec).