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# TECHNICAL SERVICE BULLETIN: GPS DATE ROLLOVER ISSUE ON EARLY SV-GPS-250 UNITS

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Original Bulletin: May 25, 2019

PLEASE READ THIS BULLETIN IN ITS ENTIRETY BEFORE CONTACTING DYNON AVIONICS

## Description

A GPS rollover event (Epoch) which occurred on April 6, 2019, has affected SV-GPS-250 antenna/receivers which were shipped until early 2014.

Symptoms include, but are not limited to:

1. No date or time displayed in GPS fix status page
2. No time displayed in top bar of SkyView displays
3. Winds aloft errors
4. GPS ground track errors
5. Heading errors
6. Data Logs not uploading to sites like Savvy Analysis due to lack of timestamps

Please note that if you have a backup battery installed, the Date and Time may be present on the top bar and in the GPS status page, but you may experience the other listed issues.

## Applicability and Affected Equipment

Your SV-GPS-250 antenna/receiver may be affected if it was shipped prior to early 2014 AND is exhibiting the symptoms listed above.

## Unaffected Equipment

The following equipment is NOT affected by this service bulletin

1. SV-GPS-250 shipped after early 2014
2. SV-GPS-2020
3. SV-GPS-251 on Legacy Products
4. Dynon Certified STC approved SkyView HDX installations do not utilize the SV-GPS-250, and therefore are not affected by this bulletin.

## Interim Operating Recommendations

Due to the nature of the errors, we recommend complying with this service bulletin before further flight. However, it is up to the owner/operator to determine the airworthiness of the aircraft for flight.

## Solution / Method of Compliance

Perform either of the following:

1. A full release software fix will be available shortly (expected June 2019). A pre-release or beta version is available. Contact Dynon technical support if you would like to obtain this software preview.
2. If you are planning on using the SkyView system to meet 2020 ADS-B Out requirements, update your SV-GPS-250 to the SV-GPS-2020.

## Time in Effect

This technical service bulletin is in effect indefinitely or until superseded by a future bulletin.

## Notice to Special Light Sport Aircraft (S-LSA), Dynon Certified, and other Non-experimental Customers

You are solely responsible for ensuring that your aircraft is airworthy. In the case of S-LSA aircraft, owners may need special authorization to service the aircraft if such operations are not permitted in the maintenance manual. Please refer to your aircraft maintenance manual or contact your aircraft manufacturer concerning changing the software on your SkyView system.


This service bulletin does not affect installations of SkyView HDX that are approved under Dynon's STC program.


## Additional Questions?

Contact Dynon Avionics Technical Support via phone (425-402-0433) or email [support@dynonavionics.com](mailto:support@dynonavionics.com) (mailto:support@dynonavionics.com)


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