

Software Release Notes

AVX-10K Software Version 2.0.49 Available

12/10/2021

New Features

General: None

Improvements

- Transponder Autotest: Fixed issues with testing ATCRBS only transponders
When testing ATCRBS only transponders, the AVX-10K would record failures resulting from the ATCRBS transponder not responding to the MTL search routine. The MTL search routine was modified to accommodate ATCRBS transponders.

Errata

- None

Download Instructions

- The most current software version for updating via USB drives for the AVX-10K is available as a download by [Clicking Here](#).
- This software version can be deployed to your AVX-10K through [your StrataSync account](#).

Contact Information

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AVX-10K Software Version 2.0.20 Available

11/16/2021

New Features

General: None

Improvements

- General:
 - Corrected System Settings Calibration date
- Transponder Autotest:
 - Addressed lockup issue when running a transponder autotest
 - Fixed Reply Ratio failing in Mode S auto test
- TCAS:
 - Fixed the TCAS Mode S Pulse Shape
- UAT:
 - Fixed UAT Gen Latitude and Longitude discrepancy
- VSWR/DTF:
 - Added save & recall for VSWR calibration
 - Corrected some VSWR UI issues

Errata

Failures of Generic ATCRBS Transponder Auto tests - Testing ATCRBS only transponders result in failures while the AVX-10K is testing ALL-CALL short mode A and ALL-CALL short mode C protocols.

This will be corrected on the next firmware release.

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AVX-10K Software Version 1.0.39 Available

09/24/2021

New Features

- General: None

Improvements

- General:
 - Fixed pulse amplitude variation measurements
 - Test reports align with only the tests run
 - Improved performance in high traffic environments
- Fixed reply jitter measurements

- Transponder Autotest:
 - Addressed occasional lockup issue when running a transponder autotest
- TCAS:
 - Fixed altitude range and rate calculations in TCAS application when converge setting is on

Errata

- None

AVX-10K Software Version 1.0.21 Available

09/08/2021

New Features

- General: Initial release

Improvements

- General: Initial release

Errata

- TCAS instrument: Using the converge setting in the on-condition results in incorrect vertical speed calculations for the scenario. Use Converge off until the anomaly is repaired.