July 31, 2012

Federal Aviation Administration
2601 Meacham Boulevard
Fort Worth, TX 76137-4204

Gentlemen:

Subject: Notification of Minor Change in accordance with FAR 21.619(a); TSO C88a and TSO C106 for the SAC 7-35 Air Data Computer.

Ntofication of minor change for the SAC 7-35 authorization gratned May 19, 2009. The minor change consists of an upgrade of Design Assurance Level from DAL D to DAL C. The means of compliance was for DAL C objectives to be satisfied utilizing an upgrade of a design baseline approach per section 11.1.4 of DO-254. The changes that occurred to satisfy this upgrade of DAL were as follows:

- Define the Hardware Design Plan (Section 4.2.1 of the PHAC)
- Define the Hardware Validation Plan (Section 4.2.4 of the PHAC)
- PR-0001: DER feedback on PHAC
- PR-0002: Review the Requirements and update to identify safety related requirements
- PR-0003: Analyze compiler warnings and add description of analysis to the HCI
- PR-0004: Improve the build directions, and a pin assignment requirement, update traceability
- PR-0005: Add a test for pin assignment requirement.
- PR-0006: Update the Hardware Accomplishemnt Summary
- PR-0007: Update HCI reference to system requirements to Version 5-ER

After writing the design and validation plans, and re-reviewing all of the artifacts the changes described above were performed. The undersigned hereby certifies that with the minor change, the above articles meet the performance standards of TSO C88a and TSO C106. In addition, Part 21, subpart O of the Federal Aviation Regulations have been met.

The technical data related to the TSO authorization that has been changed are transmitted wherewith.

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Action Taken by FAA Special Certification Office, ASW-190

✓ Approved
___ Accepted As Approved Data
___ Approved Recommendation
___ No Response Necessary
___ Receipt Acknowledged
___ Comments To Follow

Engineer: [signature]
Date: 8-2-2012