



U.S. Department
of Transportation
**Federal Aviation
Administration**

Engine and Propeller Directorate

New York Aircraft Certification Office
1600 Stewart Avenue
4th Floor Suite 410
Westbury, NY 11590
(516) 228-7300, Fax: (516) 794-5531

MAR 28 2011

Mr. Brian J. Urbanski
Vice President, Quality Assurance
Innovative Solutions & Support
720 Pennsylvania Drive
Exton, PA 19341

Dear Mr. Urbanski:

**TYPE 2 FAA LETTER OF ACCEPTANCE
LOA0001NY**

The FAA has determined that Innovative Solutions and Support (IS&S) complies with AC 20-153A and RTCA/DO-200A with regards to its processing of navigation data. Compatibility has been established with the systems identified in IS&S NavDB Compatibility Matrix, Document 1D-08880, Rev. 1, dated 3/21/2011, or latest FAA approved revision.

The following terms and conditions are applicable to this letter of acceptance, are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA:

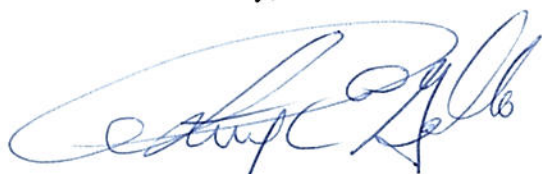
1. The IS&S data quality requirements for the receipt of data from Jeppesen, and for the delivery of data to its customers, are defined in IS&S Documents 1R-08846, Data Quality Requirements for FMS Navigation Database and 1R-08878, IS&S FMS Navigation Database Production and Distribution Process, respectively.
2. IS&S procedures for processing data are defined in 1U-08848, Navigation Database Converter Tool Defect Resolution and Training Procedures, 1U-08626, Navigation Database Production Work Instructions, 1D-08711, Navigation Database Conversion Tool Defect Tracking Procedures, and 1U-08847, Data Configuration Management Plan for Processing Aeronautical Data.
3. Reporting of Failures, Malfunctions, and Defects. IS&S must report to the FAA New York Aircraft Certification Office any failure, malfunction, or defect of the aeronautical data produced under this LOA that may have a safety effect on operational use of the data.
4. Maintain a Quality Management System (QMS). IS&S must maintain a QMS as described in RTCA/DO-200A, section 2.5. Changes to the QMS that may affect the data quality objectives must be reported to the New York Aircraft Certification Office before implementation.

5. Design Changes.

- a. IS&S must submit minor changes to the data quality requirements, the data processing standards, or the QMS to the New York Aircraft Certification Office in accordance with procedures described within IS&S document 1D-08537, RTCA/DO-200A Compliance Plan & Report for Processing Aeronautical Data. All other changes are considered major, and must be substantiated and accepted prior to implementation in the same manner as that for the original LOA.
 - b. Upon receipt of notification by the New York Aircraft Certification Office that an unsafe condition exists in a database product supplied under this LOA, IS&S shall develop a corrective action and submit it to the New York Aircraft Certification Office for approval. IS&S shall expedite distribution of the approved corrective action to customers and users.
6. IS&S must perform periodic internal audits as described in RTCA/DO-200A, section 3, with a maximum time between audits (whether total or incremental) of not more than one year. Any major non-conformities as described in RTCA/DO-200A, section 3.4 must be reported to the New York Aircraft Certification Office. Additionally, the FAA may perform periodic audits in accordance with procedures described within IS&S document 1U-08849, Quality Control Manual for Processing Aeronautical Data.
7. IS&S must advise its customers of the status of its LOA as well as the status of LOAs (or foreign acceptance, including designation of the foreign authority that acknowledges the foreign source's compliance to RTCA/DO-200A and the means of approval or acceptance) for all previous chain participants (up to, but not including, a Contracting State's AIP). The method must be timely to ensure that customers can react to changes in the status of its LOA.

If you have any questions regarding this authorization, contact Mr. Scott Gesele at 516-228-7346 or via email at scott.gesele@faa.gov.

Sincerely,



for Anthony Socias
Manager, New York Aircraft Certification Office

cc: AIR-130; MIDO-44