



U.S. Department
of Transportation

**Federal Aviation
Administration**

**Transport Airplane Directorate
Los Angeles Aircraft
Certification Office**

3960 Paramount Boulevard
Lakewood, California 90712-4137

August 12, 2005

Jeppesen Sanderson, Inc.
ATTN: Mr. Barry McDaniel
Director, Quality and Standards
55 Inverness Drive East
Englewood, Co 80112-5498

Dear Mr. McDaniel:

**TYPE 1 FAA LETTER OF ACCEPTANCE
LOA0002LA**

The FAA has verified that Jeppesen Sanderson complies with AC 20-153 and RTCA/DO-200A with regards to their processing of navigation data. The Type 1 LOA does not authorize Jeppesen Sanderson to supply navigation data directly to an operator (e.g. end user, airlines) for loading into the installed equipment.

The following terms and conditions are applicable to this letter of acceptance:

1. Jeppesen Sanderson receives data, such as Aeronautical Information Publications, from approved State sources. Data quality requirements for the receipt of data from other sources and for the delivery of data to their customers, data quality requirements are defined in Jeppesen Sanderson's NavData Data Definition Document (DDD).
2. Jeppesen Sanderson's procedures for processing data are defined in departmental procedures that are compliant with Jeppesen Sanderson's Corporate Quality Manual.
3. Reporting of Data Failures, Malfunctions, and Defects. Jeppesen Sanderson must report to the FAA ACO- Mr. Ha Nguyen, ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137 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). Jeppesen Sanderson must maintain a quality management system 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 FAA ACO- Mr. Ha Nguyen, ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137 before implementation.

5. Design Changes

a. Jeppesen Sanderson must submit minor changes to the data quality requirements, the data processing standards, or the quality management system to FAA ACO- Mr. Ha Nguyen ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137 in accordance with procedures described within Jeppesen Sanderson's QM Document Control Procedure (s) and or Document Control Work Instructions. 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 FAA ACO- Mr. Ha Nguyen ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137 that an unsafe condition exists in a database product(s) supplied under this LOA, Jeppesen Sanderson shall develop corrective action and submit it to the FAA ACO- Mr. Ha Nguyen ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137 for approval. Jeppesen Sanderson shall expedite distribution of the approved corrective action to customers and users.

6. Jeppesen Sanderson 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 FAA ACO- Mr. Ha Nguyen, ANM-130L, 3960 Paramount Blvd, Lakewood, CA 90712-4137. Additionally, the FAA may perform periodic audits in accordance with procedures described within RTCA/DO-200A, section 3.

7. Jeppesen Sanderson must advise their customers of the status of their 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 State's AIP). The method must be timely to ensure that customers can react to changes in the status of their LOA. Refer to document #NDRS-001, Initial Revision Date August 12, 2005, or later FAA approved revision.

8. Jeppesen Sanderson must advise their customers that a release may include tailored data not originating from a state authority. For this data, the end user must satisfy itself of suitability with intended use.

If further information concerning this project is needed, please contact the FAA's point of contact Mr. Ha A. Nguyen, Project Manager of Los Angeles Aircraft Certification Office. Mr. Nguyen can be reached by telephone at 1-562-627-5335 or by fax at 1-562-627-5210 or by email at ha.nguyen@faa.gov

Sincerely,



Joe Hashemi
Manager, Systems and Equipment Branch
Los Angeles Aircraft Certification Office



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

Transport Airplane Directorate
Aircraft Certification Service
Denver Aircraft Certification Office Branch
26805 E. 68th Ave, Room 214
Denver, CO 80249

December 29, 2017

In reply refer to: FAA letter 18-21-10359

Michael Rowley
Senior Manager, Corporate Quality Services
Jeppesen Sanderson
55 Inverness Drive East
Englewood, CO 80112-5498

Subject: Request for New Type I Letter of Acceptance for Jeppesen's Pre-composed Charting Process *[JIT 2.3]*

Dear Mr. Rowley,

**TYPE I FAA LETTER OF ACCEPTANCE (LOA)
PRECOMPOSED ELECTRONIC CHART DATABASE
LOA0007DE**

The Federal Aviation Administration (FAA) has verified that Jeppesen Sanderson, hereafter referred to as "Jeppesen", satisfies the objectives of AC 20-153B and RTCA/DO-200B regarding the processing of pre-composed electronic chart data using the Jeppesen Integrated Toolkit (JIT) 2.3 Process. This Type I LOA does not authorize Jeppesen to supply pre-composed electronic chart data directly to an operator (e.g. end-user, airlines) for loading into the installed equipment.

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

1. Jeppesen receives data, such as Aeronautical Information Publications (AIP), from approved State sources. Data quality requirements for the receipt of data from other sources and for the delivery of data to its customers are defined in Jeppesen's Pre-composed Charting Data Definition Document, Version 1.0, dated 10-25-2017 (or later FAA approved revision).
2. Jeppesen's tools and procedures for processing data are defined in department procedures that are compliant with Jeppesen's Corporate Quality Manual.

3. Jeppesen must report to the Denver Aircraft Certification Office (ACO) Branch Manager at (303) 342-1081, any failures, malfunctions, or defects of the aeronautical database produced under this LOA that may have a safety effect on the operational use of this data.
4. Jeppesen must maintain a Quality Management System (QMS) as described in RTCA/DO-200B, section 2.5. Changes to the QMS that may affect the data quality objectives must be reported to the Denver ACO Branch before implementation.
5. Design Changes:
 - a. Jeppesen must submit minor changes in the data quality requirements, the data processing standards, or the QMS to the Denver ACO Branch in accordance with the procedures described within Jeppesen's Corporate Quality Manual, Document Control Procedures, and/or Document Control Work Instructions. All other changes are considered major, and must be substantiated and accepted prior to implementation in the same manner as the original LOA.
 - b. Upon receipt of notification by the Denver ACO Branch that an unsafe condition exists in a database product supplied under this LOA, Jeppesen shall develop corrective action and submit it to the Denver ACO Branch for acceptance. Jeppesen shall expedite distribution of the accepted corrective action to customers and users.
6. Jeppesen must perform periodic internal audits as described in RTCA/DO-200B, section 3, with a maximum time between audits (whether total or incremental) of not more than one year. Any major non-conformance as described in RTCA/DO-200B, section 3.4 must be reported to the Denver ACO Branch. Additionally, the FAA may perform periodic audits in accordance with procedures described within RTCA/DO-200B, section 3.
7. Jeppesen must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.
8. Jeppesen must advise their customers of the status of their 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-200B 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 their LOA.

If further information concerning this project is needed, please contact your project engineer, Ms. Ronnea Derby, at (303) 342-1093 or by email at Ronnea.L.Derby@faa.gov.

Sincerely,



for

Todd Dixon, Manager
Denver Aircraft Certification Office

CC: AIR-6B1



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

Transport Airplane Directorate
Aircraft Certification Service
Denver Aircraft Certification Office
26805 E. 68th Ave, Room 214
Denver, CO 80249

August 19, 2011

Jackie Bower
Senior Manager,
Corporate Quality Services
Jeppesen Sanderson, Inc.
55 Inverness Drive East
Englewood, CO 80112-5498

Dear Mrs. Bower,

**TYPE I FAA LETTER OF ACCEPTANCE
OBSTACLE DATA
LOA0002DE**

The FAA has verified that Jeppesen Sanderson complies with AC 20-153A and RTCA/DO-200A with regards to your processing of obstacle data. The Type I LOA does not authorize Jeppesen Sanderson to supply obstacle data directly to an operator (e.g. end-user, airlines) for loading into the installed equipment.

The following terms and conditions are applicable to this letter of acceptance:

1. Jeppesen Sanderson receives data, such as Aeronautical Information Publications, from approved State sources. Data quality requirements for the receipt of data from other sources and for the delivery of data to their customers are defined in Jeppesen Sanderson's Obstacle Data Definition Document (DDD).
2. Jeppesen Sanderson's procedures for processing data are defined in departmental procedures that are compliant with Jeppesen's Corporate Quality Manual.
3. Jeppesen Sanderson must report data failures, malfunctions, and defects that may have a safety effect on the operational use of this data to the Denver Aircraft Certification Office – Mr. Michael Carlson, Project Engineer, ANM-100D, 26805 E. 68th Ave, Denver, CO 80249.
4. Jeppesen Sanderson must maintain a Quality Management System (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 Denver Aircraft Certification Office – Mr. Michael Carlson, Project Engineer, ANM-100D, 26805 E. 68th Ave, Denver, CO 80249 before implementation.

5. Design Changes:

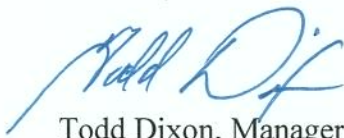
a. Jeppesen Sanderson must submit minor changes in the data quality requirements, data processing standards, or the quality management system to the Denver Aircraft Certification Office – Mr. Michael Carlson, Project Engineer, ANM-100D, 26805 E. 68th Ave, Denver, CO 80249 in accordance with procedures described within Jeppesen Sanderson's QM Document Control Procedures and the Regulatory Change Communication Document. All other changes are considered major, and must be substantiated and accepted prior to implementation in the same manner as the original LOA.

b. Upon receipt of notification by the Denver Aircraft Certification Office that an unsafe condition exists in a database product supplied under this LOA, Jeppesen Sanderson shall develop corrective action and submit it to the Denver Aircraft Certification Office – Mr. Michael Carlson, Project Engineer, ANM-100D, 26805 E. 68th Ave, Denver, CO 80249 for approval. Jeppesen Sanderson shall expedite distribution of the approved corrective action to customers and users.

6. Jeppesen Sanderson 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-conformance as described in RTCA/DO-200A, section 3.4 must be reported to the Denver Aircraft Certification Office – Mr. Michael Carlson, Project Engineer, ANM-100D, 26805 E. 68th Ave, Denver, CO 80249. Additionally, the FAA may perform periodic audits in accordance with procedures described within RTCA/DO-200A, section 3.
7. Jeppesen Sanderson must advise their customers of the status of their 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 State's AIP). The method must be timely to ensure that customers can react to changes in the status of their LOA.

If further information concerning this project is needed, please contact Mr. Michael Carlson, Project Engineer of the Denver Aircraft Certification Office. Mr. Carlson can be reached at (303) 342-1092 or by email at michael.carlson@faa.gov.

Sincerely,



Todd Dixon, Manager
Denver Aircraft Certification Office

CC: AIR-130; ANM-100D