



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

New York Aircraft Certification Office

1600 Stewart Avenue
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Westbury, NY 11590

OCT 15 2010

Mr. Vladan Vujosevic
Senior Engineer, Aircraft Certification
Transport Canada
4900 Yonge Street, Suite 300 (PAI)
North York, Ontario, M2N 6A5
Canada



Subject: Technical Standard Order Design Approval (TSODA)
TCCA File Reference No. O-10-0398

Dear Mr. Vujosevic:

This letter refers to Insight Instrument Corporation (IIC) application for Technical Standard Order (TSO) design approval. This letter also acknowledges receipt of TCCA File Reference No. O-10-0398 letter, dated September 23, 2010, certifying in accordance with 14 CFR § 21.617, that the IIC Graphic Engine Instrument Monitor (GEIM) listed below complies with the requirements of TSO-C43c, as designated in 14 CFR § 21.305(b).

Based on the TCCA certification and receipt of the required data, we hereby accept IIC TSO design approval to include the GEIM listed below for manufacture at IIC, located at Box 122, Fort Erie, Ontario, Canada L2N 5M6.

<u>Model:</u>	<u>Part Number:</u>	<u>Description:</u>	<u>Design Assurance</u>
GEM 610C	610C-001	G3 Graphic Engine Monitor	DO-178B Level C

This letter of TSO design approval, together with the TCCA Certificate of Airworthiness for Export, will authorize IIC to identify the GEM 610C with the TSO marking requirements described in 14 CFR § 21.607(d) and in TSO-C43c and is issued in accordance with 14 CFR § 21.617, governing issuance of TSO design approval for import appliances. Each item must be accompanied by a Certificate of Airworthiness for Export issued by the TCCA or a duly authorized designee/organization (14 CFR § 21.502(a)).

Any deviations from the established design approval should be accomplished in accordance with 14 CFR § 21.609. The request for approval to deviate, together with all pertinent data, should be submitted to the Federal Aviation Administration (FAA) through the TCCA and should contain information to show that the particular deviation is compensated for by factors or design features providing an equivalent level of safety.

As required by the TSO, the following statement must be furnished with each manufactured unit:

"The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements.

A letter of TSO design approval issued under 14 CFR § 21.617 is not transferable and is effective until surrendered, withdrawn or otherwise terminated by the FAA (14 CFR § 21.621).

The FAA may, upon notice, withdraw the letter of TSO design approval of any manufacturer who identifies with a TSO marking any article not meeting the performance standards of the applicable TSO (14 CFR § 21.619). The TCCA airworthiness certification is essential to the determination that the item meets the performance standards of the applicable TSO.

Please note that technical data retained by the FAA may be subject to Freedom of Information Act (FOIA) request. As such, this office will notify you of all such request pertaining to your data and afford you the opportunity to defend the release of the data.

If there are any questions, please feel free to have your staff contact Kyle Williams at 516-228-7347.

Sincerely,



for Anthony Socias
Manager, New York Aircraft Certification Office

cc: AIR-140, NE-MIDO-46