



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

New York Aircraft Certification Office

1600 Stewart Avenue
4th Floor Suite 410
Westbury, NY 11590

APR - 4 2007

Mr. Wayne Carl
President
Xerion Avionix, LLC
Canandaigua Airport (D38)
2450 Brickyard Road
Canandaigua, NY 14424

Subject: Technical Standard Order (TSO) Authorization

Dear Mr. Carl:

This is in reply to your letter of February 04, 2007 requesting Technical Standard Order (TSO) authorization for your AuRACLE- Engine Management System. The statement of conformance to TSO-C43c, -C44b, -C45a, -C47, -C49b, - C113 and the submitted data are accepted. Effective this date, you are authorized to identify the following AuRACLE- Engine Management System with the marking requirements defined in 14 CFR § 21.607(d) and in TSO-C43c, -C44b, -C45a, -C47, -C49b, - C113.

<u>Part Number:</u>	<u>Description:</u>
000-200000-TAB-X, AuRACLE I System	Engine Management System
000-400000-TAB-X, AuRACLE II 6-Cyl System	Engine Management System
000-600000-TAB-X, AuRACLE II 4-Cyl System	Engine Management System

Your Quality Control System, as defined in your Quality Manual XA-Quality Manual-A, Rev – A, dated March 21, 2007, is considered satisfactory for production of this article at your Canandaigua Airport (D38), 2450 Brickyard Road, Canandaigua, NY 14424 facility.

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 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.”

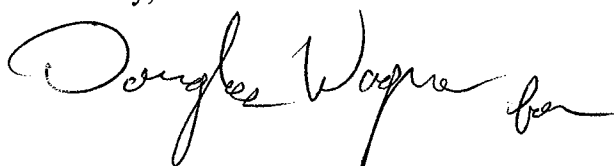
Any design change to this TSO article must be forwarded to this office as outlined in 14 CFR § 21.611 with minor change submittal intervals not to exceed six months. Also, as recipient of this authorization, you are required to report any failure, malfunction, or defect relating to this authorization in accordance with the provisions of 14 CFR § 21.3.

This authorization is not transferable to another person and is effective until surrendered, withdrawn, or otherwise terminated by the Administrator.

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

If you have any questions regarding this authorization, contact Mr. Douglas Wagner at 516-228-7306.

Sincerely,

A handwritten signature in black ink that reads "Douglas Wagner". The signature is written in a cursive style with a small flourish at the end.

Anthony Socias
Manager, New York Aircraft Certification Office

cc: AIR-140; MIDO-42