



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

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

3960 Paramount Boulevard  
Lakewood, California 90712-4137

APR 1 2005

JP Instruments  
Attn: Mr. Joe Pollizzotto  
3185-B Airway Avenue  
Costa Mesa, CA 92626

Dear Mr. Pollizzotto:

JP Instruments, Engine Data Management (EDM) System;  
Technical Standard Orders C43c, C44b, C45a, C47, C49b, and C55

This letter is in response to your letter dated March 7, 2005, requesting the issuance of Technical Standard Order (TSO) authorization of your engine data management (EDM) system. The statement of conformance to TSO C43c, C44b, C45a, C47, C49b, and C55 and the submitted data are accepted. Effective the date of this letter, you are authorized to identify the following EDM system with the marking requirements defined in Title 14 Code of Federal Regulations (14 CFR) part 21.607(d) and in TSO C43c, C44b, C45a, C47, C49b, and C55.

<u>MODEL</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
EDM-900	790000-A-[ ]	Multiparameter Engine Instrument
EDM-930	790000-C-[ ]	Multiparameter Engine Instrument
EDM-950	790000-B-[ ]	Multiparameter Engine Instrument

In accordance with 14 CFR part 21.609, deviations have been granted to the following TSOs:

<u>TSO</u>	<u>DEVIATION</u>
All	The standard deviation to use the environmental qualification testing as described in RTCA/DO-160D in lieu of the referenced specification in each TSO as allowed by Advisory Circular 21-16D.
TSO-C47, TSO-C55	The standard deviation to use RTCA/DO-178B for software development as allowed by Advisory Circular 20-115B
TSO-C49b	Electric Tachometer: Magnetic Drag (Indicator and Generator), this deviation has been granted to use a digital display and non-magnetic drag sensor in the system in lieu of the magnetic drag sensor referenced in the TSO.

*Purpose - Aviation Safety Professionalism - Technical Excellence Pride -Highest Quality*