



U.S. Department
of Transportation
Federal Aviation
Administration

Small Airplane Directorate
Atlanta Aircraft Certification Office
One Crown Center, Suite 450
1895 Phoenix Boulevard
Atlanta, GA 30349

DEC 15 2004

Ms. Mary Gayle Wright
Sr. Business Development Manager
Commercial Products
L-3 Communications, Display Systems
1355 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Dear Ms. Wright:

This is in response to your November 17, 2004, request. Your request is for Federal Aviation Administration (FAA) authorization to identify the Pilot Vehicle Interface Series 600 (PVI-600TM) Multi-function display (MFD), Enhanced Traffic Alert and Collision Avoidance System (ETCAS), Part Number listed below in accordance with the requirements of 14 CFR part 21, subpart O and the minimum performance standards of Technical Standard Orders (TSOs) C105, C113 and C119b, as well as RTCA document DO-160D:

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>OPERATING SOFTWARE PART NUMBER/VERSION</u>
V63B010-00-004	PVI-600 TM MFD ETCAS, LTN-92 INS, WXR	OFP V63A016-01-000, Version 2.1 DCP V63A016-05-000, Version 1.3 ABP V63A016-02-000, Version 1.0

We find your Statement of Conformance dated November 17, 2004, and your Quality Control Systems Manual, Revision 2, dated September 23, 2004, acceptable.

The following data as submitted by you will be retained on file for this authorization:

a. L3 Environmental Qualification Form, Document Number V63B010-37-004, Revision -, undated.

b. L3 Software Configuration Index, Document Number V63B015-14-004, Revision A, dated March 30, 2004.

c. L3 Software Accomplishment Summary, Document Number V63B015-15-004, Revision A, dated November 16, 2004.

d. Plan for Software Aspects of Certification for the PVITM 600 MFD, Document Number V63A015-10-004, Rev A, dated November 16, 2004.

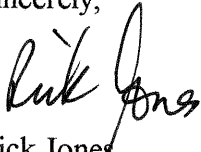
This office accepts your statement of compliance with RTCA DO-178B, Level B category requirements. This compliance finding should not be considered an installation approval and the installation may be subject to additional software review relating to the integration of this equipment into an airframe. Verification of compatibility with a particular aircraft installation is the responsibility of the installer and may require further FAA analysis, possible flight test and changes to a Flight Manual Supplement.

Effective this date, you are authorized to identify the aforementioned Pilot Vehicle Interface Series 600 (PVI-600TM) Multi-function display (MFD), Part Number and Software Versions with the applicable series TSO markings required by 14 CFR, subpart 21.607(d). This authorization is not transferable to another person or location and is effective until surrendered, withdrawn, or otherwise terminated by the Administrator.

Your responsibilities as a holder of a TSO authorization are outlined in 14 CFR, subpart 21.3 and 14 CFR, part 21, subpart 0. Any design change made to the TSO item must be forwarded to this office as outlined in 14 CFR, part 21.611, with minor change submittal intervals not to exceed six months.

The Systems Engineer for your program is Myles Jalalian, telephone number (770) 703-6073. The Technical Information Specialist is Lorraine Bush, telephone number (770) 703-6044.

Sincerely,

A handwritten signature in black ink, appearing to read "Rick Jones", is written over a horizontal line.

Rick Jones

Associate Manager

Atlanta Aircraft Certification Office