



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

New England Region

12 New England Executive Park
Burlington, MA 01803-5299

September 5, 2003

Mr. Jon Lyford
V.P. Of Program Management
Avidyne Corporation
55 Old Bedford Road
Lincoln, MA 01773

Dear Mr. Lyford:

STC No. SA00161BO Approved Model List Revision (C)

The FAA has reviewed your White Paper titled "Radar Fault Mitigation Trough Redundant System Architectures" submitted with you letter dated July 28, 2003 and revised on August 1, 2003. Your proposed means for mitigating the potential hazard that could result as a consequence of misleading radar information being presented to the pilot in Part 23 Class III airplanes, as defined in Advisory Circular AC 23.1309-1C, is acceptable. We are therefore pleased to approve Revision (C) to the Approved Model List for STC No. SA00161BO reflecting the aircraft that have been approved for installation of the Avidyne FlightMax 700-00007-XXX-() Multi-Function Display. Enclosed please find the following documents reflecting this change:

- 1) Approved Model List, AVFMC-076, Rev (C), dated September 5, 2003.
- 2) Flight Manual Supplement 600-00083-000, Rev (-), dated September 5, 2003

If we can be of further assistance, please do not hesitate to contact this office.

Sincerely,

Robert G. Mann
Manager, Boston Aircraft Certification Office