

# UNAPPROVED PARTS NOTIFICATION

NO. 97-042

January 12, 1998

**SUBJECT:** Unapproved replacement vernier mixture control assemblies.

**AFFECTED COMPONENT:** Carbureted reciprocating engines typically installed in general aviation aircraft.

**PURPOSE:** To notify owners, operators, maintenance entities, and aircraft parts distributors that an undetermined number of unapproved replacement vernier mixture control assemblies (control assemblies) were fabricated for installation in type certificated aircraft. The Federal Aviation Administration (FAA) determined that these control assemblies were produced without Parts Manufacturer Approval (PMA).

## **BACKGROUND:**

While conducting a Suspected Unapproved Parts (SUPs) investigation, it was concluded that Aero Trim Inc., 1130 102nd Street, Suite # 6, Bay Harbor, Florida, 33154, was manufacturing and selling aircraft control assemblies. Aero Trim does not hold an FAA production approval for the control assemblies. Aero Trim has fabricated and supplied the unapproved control assemblies to Chief Aircraft of Grantspass, Oregon, and to San Val Discount, Inc., of Van Nuys, California.

The affected parts are:

<b>Part Name</b>	<b>Part Number</b>	<b>Approved FAA PMA Holder</b>	<b>Application</b>
Vernier mixture control assemblies	93881 / 93882	Alcor Inc., or Alcor Aviation Inc., San Antonio, Texas	Airframe

**RECOMMENDATIONS:** Aircraft owners, operators, maintenance entities, and aircraft parts distributors who purchased, received, or installed vernier controls from Aero Trim, Chief Aircraft, or San Val Discount, Inc., should determine if any of these unapproved control assemblies were installed into type certificated aircraft. FAA regulations require that type certificated aircraft conform to their type design. Control assemblies without traceability to an approved source should be considered suspect and appropriate action taken.

**FURTHER INFORMATION:** The FAA Manufacturing Inspection District Office (MIDO) listed below would appreciate any information concerning the discovery of these parts from any source, the means used to identify the source, and the actions taken to remove the parts from aircraft and/or stock.

This notice originated from the Orlando MIDO, 5950 Hazeltine National Drive, Room 405, Orlando, Florida, 32822, telephone (407) 855-9050, fax (407) 438-1900, and was published through the SUPs Program Office, AVR-20, telephone (703) 661-0111, fax (703) 661-0113.