

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA00081NY

*This certificate, issued to*

**Alcor, Inc  
300 Breesport St.  
San Antonio, TX 78216**

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3/23 of the Civil Air / Federal Aviation Regulations .*

*Original Product—Type Certificate Number:*

\*See attached FAA Approved Model List

*Make:*

(AML) No. SA00081NY for list of approved

*Model:*

airplane model and applicable airworthiness regulations

*Description of the Type Design Change:* Installation of Iceman Aviation Supplies, Inc. Carburetor Ice Detector in accordance with Installation Instructions IAS93, Chapter B.5, Revision 1, dated July 10, 1995.

*Limitations and Conditions:*

1. This Supplemental Type Certificate (STC) is approved only for aircraft equipped with models MA-3A, MA-3PA, MA-3SPA, MA-4SPA, MA-4-, -5, MA4-, -5AA, MA-5, MA-6-AA Precision (Marvel Schebler) Carburetors.
2. The following placard must be installed in clear view of the pilot:  
"Flight not to be predicated on use of Carburetor Ice Detector"
3. Inspect Ice Detector photo sensor fitting in carburetor for security during annual inspection or every 100 hours of air time whichever occurs first.
4. Inspect Ice Detector photo sensor for condition following occurrence of engine backfire.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
6. Compatibility of this design change with previously approved modifications must be determined by the installer.

*If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.*

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* November 26, 1993

*Date reissued:* 7/28/2003; 1/30/2002; 6/9/2016

*Date of issuance:* April 15, 1994

*Date amended:* 12/7/1995; 5/15/2002



*By direction of the Administrator*

(Signature)

Manager, Seattle Aircraft Certification Office

(Title)

**Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.**

*This certificate may be transferred in accordance with FAR 21.47.*