

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

*Number* SE5583SW

*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 therefor as specified hereon meets the airworthiness requirements of Part 33 of the Federal Aviation Regulations.*

*Original Product Type Certificate Number :* E9CE, E8CE, E5CE

*Make :* Teledyne Continental

*Model :* IO-360, L/TSIO-360, TSIO-360, TIO-360,  
TSIO-470, GTSIO-520, L/TSIO-520, TSIO-520,  
IO-520, IO-470

*Description of Type Design Change:*

Installation of Fuel/Flow Transducers (True-Flow Totalizer) in accordance with Master Drawing List Rev. 1 dated 1/6/84 for Product 38066, or later FAA approved revision.

*Limitations and Conditions:*

FAA Approved Airplane Flight Manual Supplement 59193, Revision B, dated 11/15/84; or Supplement 59191, Revision C, dated 11/15/84; or Supplement 59191, Revision D, dated 4/22/86; or Supplement 59191, Revision D, dated 6/12/87; or Supplement 59193, Revision C, dated 4/22/86, is required. Compatibility of this modification with other 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 28, 1983

*Date reissued :* 7/5/94; 9/30/02; 3/14/03

*Date of issuance :* February 16, 1984

*Date amended :* 11/15/84; 5/29/86;  
6/12/87 Rev. 3



*By direction of the Administrator*

(Signature)  
S. Frances Cox, Manager  
Special Certification Office,  
Southwest Region

(Title)