

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

*Number* SA5631SW

*This Certificate issued to* Aero Safe Corporation,  
a Texas Corporation  
5300B Airport Road  
Mineral Wells Municipal Airport  
Mineral Wells, TX 76067

*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 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number :* 2A3

*Make :* Mooney

*Model :* M20C; M20E; M20F; M20G; M20J

*Description of Type Design Change:*

Installation of an electrically driven vacuum pump as a standby auxiliary pump to the existing instrument air system in accordance with Aero Safe Drawing List 820900, Revision C dated 4/19/85, or later FAA approved revision.

*Limitations and Conditions:*

1. Use of pump limited to flight below 15,000 feet altitude. Emergency use when engine driven vacuum pump has failed in flight.
2. FAA Approved Airplane Flight Manual Supplement dated January 20, 1984, is required.
3. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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 :* August 25, 1983

*Date reissued :* 4/17/00; 4/6/07

*Date of issuance :* January 20, 1984

*Date amended :* May 29, 1985 Revision 1



*By direction of the Administrator*

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

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(Title)

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(Continuation Sheet)