

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00748SE

This certificate, issued to: **Air-Liquid Corporation**
6427 E. Rutter Road, Felts Field
Spokane, WA 99212

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 Aviation Regulations.

Original Product—Type Certificate Number 2A3
Make: Mooney
Model: M20L, M20M, and M20R

Description of the Type Design Change: Replace original power plant and propeller with a Continental TSIOL-550A engine and McCauley 3AF36C525/G-80VMFA-2 Propellers per Rocket Engineering Corporation Master Drawing List 351.00.000, Revision E, dated September 21, 1999, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. Additionally, the airplane must be maintained in accordance with the requirements of Air-Liquid Corporation Document 351.101, Revision N/C, dated September 30, 1999. A copy of this Certificate and the Aircraft Flight Manual Supplement for the appropriate aircraft model, also dated October 8, 1999, or later FAA approved revision, must be maintained as part of the permanent records of the modified aircraft.

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: January 4, 1996 *Date reissued:*
Date of issuance October 21, 1999 *Date amended:*



By direction of the Administrator

(Signature)
Acting 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.