

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

*Number* SA02049AK

*This Certificate issued to* Airglas, Inc.  
3500 O'Malley Rd.  
Anchorage, AK 99507

*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 \* of the \* Regulations.*

*Original Product Type Certificate Number:* \* See attached FAA Approved Model List  
*Make:* (AML) No SA02049AK for list of approved airplane  
*Model:* models and applicable airworthiness regulations

*Description of Type Design Change:* Fabrication and installation of Airglas Engineering Co., Inc. cargo pod kit models LC18 or LC18H or cargo pod/belly tank kit and auxiliary fuel transfer system models LTC18 or LTC18WB in accordance with Airglas, Inc. Master Drawing List LTC18/LC18, Rev. C, dated June 20, 2011, or later FAA approved revision.

*Limitations and Conditions:*

- 1) Airplanes incorporating this design change must be operated in the Normal Category only.
- 2) Landplanes and skiplanes incorporating this design change must be equipped with wheel/tire or ski installations which position the main landing gear axle centerlines at least 9 3/8 inches above the ground or bottoms of the skis.
- 3) Piper PA-18A "150" and PA-18AS "150" airplanes incorporating this design change must have cabin floorboards and rear seat installation modified to PA-18 "150" or PA-18S "150" configuration, in accordance with FAA approved data.
- 4) Compatibility of this design change with previously approved modifications must be determined by the installer.

(Limitations and Conditions continued on page 3 of 3)

*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:* May 05, 1995

*Date reissued:* June 30, 2000; August 20, 2008

*Date of issuance:* April 19, 1996

*Date amended:* September 24, 1998;  
August 20, 2008; August 8, 2011



*By direction of the Administrator*

(Signature)

August A. Asay

Manager, Anchorage Aircraft Certification Office

(Title)

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(Continuation Sheet)

*Number* SA02049AK

*Limitations and Conditions:* (Continued)

- 5) This installation requires an FAA approved Airplane Flight Manual Supplement (AFMS). See attached FAA Approved Model List No. SA02049AK to determine the required AFMS for the specific Aircraft Make/Model and Configuration.
- 6) 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.
- 7) For Instructions for Continued Airworthiness, refer to Airglas, Inc. Installation, Maintenance and Instructions for Continued Airworthiness, LC18/LTC18-105, Revision A, dated June 20, 2011, or later FAA approved revision.

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