

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

*Number* SA02068AK

*This Certificate issued to* Airglas Engineering Co. Inc.  
P.O. Box 190107  
Anchorage, AK 99519-0107

*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:* 1A2

*Make:* Piper

*Model:* PA-18"125", PA-18A"125", PA-18S"125", PA-18AS"125",  
PA-18"135", PA-18A"135", PA-18S"135", PA-18AS"135",  
PA-18"150", PA-18A"150", PA-18S"150", PA-18AS"150".

*Description of Type Design Change:* Fabrication and Installation of Airglas Engineering Company, Inc., Model LT32PA-18 belly tank and electric auxiliary fuel transfer system in accordance with Airglas Engineering Company, Inc., Descriptive Data List No. LT32PA-18, original issue dated November 15, 1996, or later FAA approved revision.

*Limitations and Conditions:* Airplanes incorporating this design change must be operated in the Normal Category only, and must be equipped with 12 volt electrical systems and sight gauge type fuel quantity indicators.

(See continuation sheet 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:* January 10, 1997

*Date reissued:*

*Date of issuance:* January 17, 1997

*Date amended:*



*By direction of the Administrator*  
*Michael K. Dahl*

(Signature)

Michael K. Dahl  
Manager  
Anchorage 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.

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(Continuation Sheet)

*Number* SA02068AK

Date of Issuance: January 17, 1997

*Limitations and Conditions* (Continued):

Landplanes 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. Piper PA-18A Series airplanes incorporating this design change must have cabin floorboards and a rear seat installation modified to PA-18 Series configuration in accordance with FAA approved data.

Piper Models PA-18A, PA-18 "125", PA-18A "125", and PA-18AS "125" incorporating this design change must have a right wing fuel tank and header tank installed in accordance with Item 102 of Type Certificate Data Sheet (TCDS) No. 1A2, Revision 35.

Piper Models PA-18S "125", PA-18AS "125", PA-18S "135" and PA-18AS "135" incorporating this design change must have EDO 89-2000 floats installed in accordance with Item 209(b) of Type Certificate Data Sheet (TCDS) No. 1A2, Revision 35.

Compatibility of this design change with previously approved modifications must be determined by the installer. FAA approved Airplane Flight Manual Supplement dated January 17, 1997, or later FAA approved revision is a required part of this installation.

SAMPLE

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