

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA213AL

This Certificate issued to Airglas, 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 * of the * Regulations.

Original Product Type Certificate Number: * * See attached Airglas Engineering Company, Inc., Approved Model List for Supplemental Type Certificate No. SA213AL, dated October 10, 1997, or later FAA approved revision, for list of approved airplane models and applicable airworthiness regulations.
Make: *
Model: *

Description of Type Design Change: Fabrication of attaching and rigging parts for the installation of Airglas Engineering Company, Inc., Model LW3600-180 single position or Model LW3600-180A two position fixed penetration wheel skis in accordance with Airglas Engineering Company, Inc., Drawing List No. LW3600-180/-180A, Revision "N/C", dated September 2, 1979, or later FAA approved revision, and installation of Airglas Engineering Company, Inc., Model LW3600-180, single position fixed penetration wheel skis on the main landing gear, in accordance with Airglas Engineering Company, Inc., Drawing No. LW3600-180, Revision "F",
(See continuation, page 3 of 3)

Limitations and Conditions: This change approves the installation of Airglas Engineering Company, Inc. Model LW3600-180 single position or Model LW3600-180A two position fixed penetration wheel skis on the basic airplane models listed on the Airglas Engineering Company, Inc., Approved Model List for Supplemental Type Certificate No. SA213AL, dated October 10, 1997, or later FAA approved
(See continuation, 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

Date of application: April 20, 1966

Date reissued: August 20, 1967; April 26, 2000

Date of issuance: November 01, 1966

Date amended: July 12, 1968; April 29, 1971;
December 10, 1975; October 3, 1979;
October 10, 1997

Federal Aviation Administration.



By direction of the Administrator

Gregory J. Holt
(Signature)

Gregory J. Holt
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.

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number SA213AL

Date of issuance: November 01, 1966

Date reissued: August 20, 1967; April 26, 2000

Date amended: July 12, 1968; April 29, 1971; December 10, 1975;
October 3, 1979; October 10, 1997

Description of Type Design Change (Continued). dated September 21, 1979, or later FAA approved revision, or installation of Airglas Engineering Company, Inc., Model LW3600-180A two position fixed penetration wheel skis on the main landing gear in accordance with Airglas Engineering Company, Inc., Drawing No. LW3600-180A, Revision "E" dated September 21, 1979, or later FAA approved revision. Also, re-marking of the airspeed indicator, in accordance with Airglas Engineering Company, Inc., Service Bulletin No. LW3600-3, amended October 10, 1997, or later FAA approved amendment.

Limitations and Conditions (Continued). revision only. Compatibility of this design change with previously approved modifications must be determined by the installer. FAA approved Supplemental Airplane Flight Manual and Airplane Flight Manual Supplement for Cessna Airplane Models 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, and 180K; and Cessna Airplane Models 185, 185A, 185B, 185C, 185D, 185E, A185E, and A185F, dated October 10, 1997, or later FAA approved revision, is a required part of this installation.

The holder of this certificate will provide each person it permits to use the certificate to alter one or more airplanes with written evidence of that permission in a form acceptable to the Administrator.

-END-

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA Form 8110-2-1(10-69)

Page 3 of 3

This certificate may be transferred in accordance with FAR 21.47.

AIRGLAS ENGINEERING COMPANY, INC.
P.O. BOX 190107
ANCHORAGE, ALASKA 99519-0107

**APPROVED MODEL LIST
FOR SUPPLEMENTAL TYPE CERTIFICATE NO. SA213AL**

Issued October 10, 1997

The change in type design specified by Supplemental Type Certificate No. SA213AL meets the airworthiness requirements of the regulations incorporated by reference as the Certification Basis in the original Type Certificate, and specified as the Certification Basis on the Type Certificate Data Sheet of each model listed herein.

Airplane Make and Model Designation	Original Type Certificate Number	Type Certificate Data Sheet Number	Type Certificate Data Sheet Revision Level and Date
Cessna 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	5A6	Revision 62, June 15, 1995
Cessna 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	3A24	Revision 35, October 15, 1994

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