

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

Number SA3635NM

This Certificate issued to Northern Piper Aviation, Inc.
6041 Mackay Street
Suite 102
Anchorage, AK 99518

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: 725
Make: Piper
Model: J5C

Description of Type Design Change: Fabrication of North River Aviation Model 8400 brake booster assemblies, and modification of Scott Aviation Model B-711 brake master cylinders by installation of said assemblies, both in accordance with North River Aviation, Inc., Drawing List No. 84-100, revised April 17, 1993, or later FAA approved revision.

Limitations and Conditions: The approval of this change in type design applies to the basic Piper J5C airplanes that have been equipped with FAA approved high-pressure brake lines, and with brakes FAA approved for a maximum available hydraulic pressure of at least 1698 PSI, 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 modification will introduce no adverse effect on the airworthiness of such aircraft.

(See Continuation of Limitations and Conditions)

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 08, 1987

Date reissued: July 19, 2004; January 26, 2006

Date of issuance: August 5, 1987

Date amended: July 19, 2004; January 26, 2006



By direction of the Administrator

(Signature)
Gregory J. Holt
Manager
Anchorage Aircraft Certification Office

(Title)

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(Continuation Sheet)

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Limitations and Conditions (Continued)

FAA approved high-pressure brake lines, under the meaning of this Certificate, are brake lines which the FAA has found to be sufficiently flexible for their intended purpose, compatible with MIL-H-5606BB (red) hydraulic fluid, and capable of sustaining an ultimate internal hydraulic pressure of at least 2547 PSI for at least 3 seconds without failure or leakage; and which the FAA has approved for installation on the airplane. The modification approved by this Certificate is also eligible on Piper PA-22S "150" and PA-22S "160" airplanes that have been converted to landplanes in accordance with FAA approved data.

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.

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