

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

Number SA03281AT

This certificate issued to Power Flow Systems, Inc.
1585 Aviation Center Parkway
Hangar 804
Daytona Beach, FL 32114

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 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A47CE
Make : Diamond
Model : DA 40 ; DA 40 F

Description of Type Design Change: Install a Power Flow Systems, Inc. tuned exhaust system featuring new headers, new collector assembly and new tail pipe on the applicable airplane model per the matrix shown on Continuation Sheet, Page 3.

(See continuation sheet 3 of 3)

Limitations and Conditions: Instructions for Continued Airworthiness are part of this STC. "This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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 : March 30, 2006

Date reissued :

Date of issuance : June 07, 2006

Date amended :



By direction of the Administrator

Christina L. Mark
(Signature)

for Melvin D. Taylor, Manager
Atlanta 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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Supplemental Type Certificate
(Continuation Sheet)

Number SA03281AT

Date of Issuance: June 07, 2006

Description of Type Design Change (Continued):

Power Flow Systems, Inc. Improved performance exhaust system installation information

Model	Master Drawing List Report no. *	Installation Instructions & ICA Report No. * **
DA 40	PFS-15240-00, Rev. IR, Dated: 6/02/06	PFS-15250-00, Rev. IR, Dated: 4/17/06
DA 40 F	PFS-15140-00, Rev. IR, Dated: 3/30/06	PFS-15150-00, Rev. IR, Dated: 3/30/06

* Or later FAA approved revision

** Contains Instructions for Continued Airworthiness (ICA)

END

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