

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

Number SA02142AK-D

This certificate, issued to Aero Twin, Inc.
2404 Merrill Field Drive
Anchorage, Alaska 99501

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: See attached FAA/DAS Approved Model List
Make: (AML) No. SA02142AK-D for list of approved
Model: aircraft models.

Description of Type Design Change:

Fabrication and Installation of Aero Twin, Inc. Main Landing Gear Inboard Door Hinge Kit No. DH31-100-1 in accordance with Aero Twin, Inc. Master Descriptive Data List No. DH31-100-D dated May 13, 1999, or later FAA/DAS approved revision.

Limitations and Conditions:

Compatibility of this design change with previously approved modifications must be determined by the installer. FAA/DAS approved Instructions for Continued Airworthiness dated May 13, 1999, or later FAA/DAS approved revision, is a required part of this modification.

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: September 15, 1998

Date reissued:

Date of issuance: June 21, 1999

Date amended:



By direction of the Administrator

(Signature)

Vincent A. Cestnik, DAS Director of Operations
Aero Twin, Inc. DAS-01-AK

(Title)

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

FAA-DAS Approved Model List No. SA02142AK-D
Original Issue Date June 11, 1999

Approved Model List for STC No. SA02142AK

Fabrication and Installation of Aero Twin, Inc. Main Landing Gear Inboard Door Hinge Kit
No. DH31-100-1.

Piper Aircraft Corporation Model Designation	Certification Basis	Original Type Certificate No.
PA-31 (PA-31-310)*	CAR 3	A20SO
PA-31-300*	CAR 3	A20SO
PA-31-325	CAR 3	A20SO
PA-31-350	CAR 3	A20SO
PA-31-350 (T-1020)	CAR 3	A20SO
PA-31P	CAR 3	A8EA
PA-31T	CAR 3	A8EA
PA-31T1	CAR 3	A8EA
PA-31T2	CAR 3	A8EA
PA-31-T3	CAR 3	A8EA
PA-31P-350	CAR 3	A8EA