United States Of America

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA01704LA

This Certificate issued to Grove Aircraft Landing Gear Systems, Inc.
1800 Joe Crosson Drive
El Cajon, California 92020

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part * of the Federal Aviation Regulations* (* Certification basis is set forth in Type Certificate Data Sheet as specified in the FAA Approved Model List No. SA01704LA)

Original Product Type Certificate Number : *

Make : *

Model : * *See Attached FAA Approved Model List No. SA01704LA

Description of Type Design Change: Installation of the Grove Disk Brake System in accordance with FAA approved Master Drawing List Number MDL2337-00001, Revision B, dated December 8, 2004, or later FAA approved revision are required as part of this installation.

Limitations and Conditions: The installation applies only to aircraft that have hydraulic brake systems installed. The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. 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 : June 25, 2003

Date reissued :

Date of issuance : DEC 21 2004

Date amended :

By direction of the Administrator

(Signature)

Manager, Cabin Safety,
Mechanical and Environment Branch
Los Angeles 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.

This certificate may be transferred in accordance with FAR 21.47.

Supplemental Type Certificate

APPROVED MODEL LIST SA01704LA

NAME	TCDS	BASIC MODEL	MODEL DETAIL	WHEEL MODEL	WHEEL P/N	BRAKE P/N
Cub	A-691	J3C (All models including Army and Navy versions)	J3C-40; J3C-50; J3C-50S; J3C-65 [Army L-4, L-4A, L-4B (Navy NE-1), L-4H, L-4J (Navy NE-2)]; J3C-65S	840	8.00-4 Wheels with Brakes	
Cub Special	A-691	PA-11; PA-11S	PA-11; PA-11S	841	D-3-13	D-2-113
Cub	A-692	J3F (All models including Army L4-D)	J3F-50; J3F-50S; J3F-60; J3F-60S; J3F-65 (Army L- 4D); J3F-65S	841	D-3-13	D-2-113
Cub	A-698	J3L (All models including Army L4-C)	J3L; J3L-65 (Army L-4C); J3L-65S; J3L-S	841	D-3-13	D-2-113
Cub Coupe	A-703	J4 (All models)	J4; J4A; J4A-S	841	8.00-4 Wheels with Brakes	
Cruiser	A-725	J5 (All models including AE-1, HE-1, and Army versions)	J5A (Army L-4F); J5A-80; J5B (Army L-4G); J5C, AE-1, HE-1	841	8.00-4 Wheels with Brakes	
Cub Coupe	A-740	J4E and Army L-4E	J4E (Army L-4E)	841	8.00-4 Wheels with Brakes	
Super Cruiser	A-780	PA-12 and PA-12S	PA-12; PA-12S	841	D-3-13	D-2-13

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Department of Transportation [illegible]ederal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

APPROVED MODEL LIST SA01704LA						
NAME	TCDS	BASIC MODEL	MODEL DETAIL	WHEEL MODEL	WHEEL P/N	BRAKE P/N
Family Cruiser	A-797	PA-14	PA-14	841A	D-3-13-A-1	D-2-113
Vagabond	A-800	PA-15	PA-15	841A	D-3-13-A-1	D-2-113
Clipper	1A1	PA-16 and PA-16S	PA-16; PA-16S	841A	D-3-13-A-1	D-2-113
Vagabond	A-805	PA-17	PA-17	841A	D-3-13-A-1	D-2-113
Super Cub	1A2	PA-18 and PA-19 (All models including Army versions)	PA-18; PA-18 "105" (Special); PA-18 "125" (Army L-21A); PA-18 "135" (Army L-21B); PA-18 "150"; PA-18A; PA-18A "135"; PA-18A "150"; PA-18AS "125"; PA-18AS "135"; PA-18AS "150"; PA-18S; PA-I8S "105" (Special); PA-18S "125"; PA-18S "135"; PA-18S "150"; PA-19 (Army L-18C); PA-19S	841A	D-3-13-A-1	D-2-113
Pacer	1A4	PA-20 (all versions)	PA-20; PA-20 "115"; PA-20 "135"; PA- 20S; PA-20S "115"; PA-20S "135"	841A	D-3-13-A-1	D-2-113
Super Cub	AR-7	PA-18A (Restricted) (all versions)	PA-18A (Restricted); PA-18A "135" (Restricted); PA -18A "150" (Restricted)	841A	D-3-13-A-1	D-2-113

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