

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate*Number* SA01734SE

This certificate, issued to **Thomas D. Stewart and Dan R. Stewart**
5500 Sullivan Street
Cashmere, WA 98815

*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 Approved Model List (AML)
Make: No. SA01734SE for a list of approved airplane
Model: models and applicable airworthiness regulations

Description of the Type Design Change: Application of Stewart Systems synthetic fabric covering system to aircraft fuselage, wings, tail surfaces, control surfaces and related parts in accordance with Stewart Systems Fabric Covering and Finishing Procedures Manual 21, Revision OR, dated August 8, 2006, later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the aircraft models listed on the attached AML No. SA01734SE only. This approval should not be extended to aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationships between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft.

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: December 22, 2005

Date reissued:

Date of issuance: February 13, 2007

Date amended:



By direction of the Administrator

James H. Rehl
 (Signature)

Acting Manager, Seattle 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.



Authorization for the use of Supplemental Type Certificate SA01734SE

Thomas D Stewart and Dan R Stewart are the owners of STC SA1734SE and hereby authorize the use the this STC on the aircraft listed below:

STC Number	<u>SA01734SE</u>
Make:	_____
Model	_____
Serial Number	_____
Registration #	_____
Registered Owner(s)	_____

Signed: *Thomas D. Stewart*
D Stewart

Stewart Systems
FAA AML (Approved Model List) STC SA01734SE

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Item	AIRCRAFT MAKE	MODEL	ORIGINAL TYPE CERTIFICATE	CERTIFICATION BASIS OF ALTERATION	COMPONENTS	AML Amended
1	Aeronca,(National Aeronca Assn)	C-2 Standard, C-2 Scout, PC-2	ATC 351	FAR 23	All Fabric Covered Components	05/04/09
2	Aeronca (American Champion, Bellanca, Trytek, National Aeronca Assn)	C-3, PC-3	A-396	FAR 23	All Fabric Covered Components	05/04/09
3	Aeronca (American Champion, Bellanca, Trytek, Gores)	K, KS	A-634	FAR 23	All Fabric Covered Components	05/04/09
4	Aeronca (National Aeronca Assn)	LC, LCS	A- 614	FAR 23	All Fabric Covered Components	05/04/09
5	Aeronca (American Champion, Bellanca, Trytek, National Aeronca Assn)	0-58A (Army L-3A), 0-58B (Army L-3B, L-3C), SO-58B	A-751	FAR 23	All Fabric Covered Components	05/04/09
6	Aeronca (Gores)	50-C, 65-C, 65-CA (Army L-3F), S-50-C, S-65-C, S-65-CA, KCA	A-675	FAR 23	All Fabric Covered Components	05/04/09
7	Aeronca (Trytek, Gores)	50-L, 50-LA, 65-LA, 65-LB (Army L-3G)	A-702	FAR 23	All Fabric Covered Components	05/04/09
8	Aeronca (American Champion, Bellanca, Trytek, National Aeronca Assn)	50-TC, 60-TF, 65-TC (Army L-3J), 65-TF, 50-TL,65-TL, 65-TAC (Army L-3E) 65-TAF, (Army L-3D) 65-TAL, YO58 (Army L-3)	A-728	FAR 23	All Fabric Covered Components	05/04/09
9	Aeronca (Champion, Bellanca Aircraft, Tetelestai, FRA, American Champion)	7AC, 7ACA, S7AC, 7BCM (Army L-16A), 7CCM (Army L-16B), S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB	A-759	FAR 23	All Fabric Covered Components	02/13/07
10	American Champion (Bellanca, Tetelestai,FRA)	8KCAB, 8GCBC	A21CE	FAR 23	All Fabric Covered Components	02/13/07
11	Aeronca (American Champion, Bellanca, Trytek)	11AC, S11AC, 11BC, S11BC	A-761	FAR 23	All Fabric Covered Components	02/13/07
12	Aeronca (American Champion, Bellanca, Trytek, Burl Rogers)	11CC, S11CC	A-796	FAR 23	All Fabric Covered Components	02/13/07
13	Aeronca (Burl Rogers)	15AC, S15AC	A-802	FAR 23	All Fabric Covered Components	05/04/09
14	Aetna Aerocraft Corp	Aerocraft 2SA	733	FAR 23	All Fabric Covered Components	05/04/09
15	Air Tractor, Inc	AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A	A9SW	FAR 23	All Fabric Covered Components	05/04/09
16	American (Roos)	American Eagle A-1, American Eagle 101	ATC 17	FAR 23	All Fabric Covered Components	05/04/09

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17	American (Stephen K Wood & Russel G Williams)	Eaglet B-31	ATC-450	FAR 23	All Fabric Covered Components	05/04/09
18	Arrow Aircraft & Motors Corp	Arrow Sport	ATC 115 TC 2-110	FAR 23	All Fabric Covered Components	05/04/09
19	Aviat (Sky International, Christen, White)	A-1, A-1A, A-1B, A-1C-180, A-1C-200	A22NM	FAR 23	All Fabric Covered Components	05/04/09
20	Ayres (Rockwell Commander, Thrush)	S-2B, S-2C, 600-S-2C	2A7	FAR 23	All Fabric Covered Components	05/04/09
21	Ayres (Rockwell, Thrush)	600 S-2D, S-2R, SR-1340, R35, S2R-T1	A3SW	FAR 23	All Fabric Covered Components	05/04/09
22	Ayres (Rockwell, Thrush)	600 S2D, 600 S2R, S2R-11, -T15, -T34, -T65, -T660,- R1340,- R1820, -G1, -G5, -G6, G10	A4SW	FAR 23	All Fabric Covered Components	05/04/09
23	Beech (Raytheon, Hawker Beechcraft)	C18S (Army C-45, -45A, UC-45B, -45F, AT-7, -7A, -7B, -7C; Navy JRB-1, -2, -3, -4, SNB=2, -2C, -3)	A-757	FAR 23	All Fabric Covered Components	05/04/09
24	Beech (Raytheon, Hawker Beechcraft)	D-17S (Army UC-43, -43B; Navy GB-1, -2) SD17S	A-649	FAR 23	All Fabric Covered Components	05/04/09
25	Beech (Raytheon)	D17A (Army UC-43F)	TC 713	FAR 23	All Fabric Covered Components	05/04/09
26	Beech (Raytheon)	D17R (Army UC-43A)	TC 638	FAR 23	All Fabric Covered Components	05/04/09
27	Beech (Raytheon, Hawker Beechcraft)	D18C, D18S, E18S, E18S-9700, RC-45J, G18S, H18, C-45G, TC-45G, C-45H, TC-45H, TC-45J (SNB-5), JRB-6	A-765	FAR 23	All Fabric Covered Components	05/04/09
28	Beech (Raytheon)	E17B (Army UC-43D)	TC 641	FAR 23	All Fabric Covered Components	05/04/09
29	Beech (Raytheon)	F17D (Army UC-43C)	TC 689	FAR 23	All Fabric Covered Components	05/04/09
30	Beech (Raytheon, Hawker Beechcraft)	Army AT-11, Navy SNB-1	A-2-582	FAR 23	All Fabric Covered Components	05/04/09
31	Bell Helicopter	47D1	H-1	FAR 23	All Fabric Covered Components	05/04/09
32	Bellanca	14-9	TC 716	FAR 23	All Fabric Covered Components	05/04/09
33	Bellanca	14-12F-3	TC 745	FAR 23	All Fabric Covered Components	05/04/09
34	Bellanca	14-13, 14-13-2, -3, -3W	A-773	FAR 23	All Fabric Covered Components	05/04/09
35	Bellanca (Alexander Aircraft)	14-19, -19-2, -3, -3A, 17-30, 17-31TC	1A3	FAR 23	All Fabric Covered Components	05/04/09
36	Bellanca (Alexander Aircraft)	17-30A, 17-31A, 17-31ATC	A18CE	FAR 23	All Fabric Covered Components	05/04/09

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37	Bellanca (Alexander Aircraft)	Eagle DW-1	A4NW	FAR 23	All Fabric Covered Components	05/04/09
38	Bellanca	CH	ATC 47	FAR 23	All Fabric Covered Components	05/04/09
39	Bellanca	CH-300 Pacemaker	ATC 129	FAR 23	All Fabric Covered Components	05/04/09
40	Bellanca	CH-400 Skyrocket	ATC 319	FAR 23	All Fabric Covered Components	05/04/09
41	Blanik (Aircraft Industries)	L-13, L13AC Glider	G24EU	FAR 23	All Fabric Covered Components	05/04/09
42	Blanik (Aircraft Industries)	L-23 Super – Blanik	G60EU	FAR 23	All Fabric Covered Components	05/04/09
43	Boeing (Transcontinental & Western)	Army B17-F, B17-G	LTC-1	FAR 23	All Fabric Covered Components	05/04/09
44	Boeing (Aero Spacelines)	377	A-812	FAR 23	All Fabric Covered Components	05/04/09
45	Brunner Winkle (Bird/Perth-Amboy)	Bird BW	ATC 382	FAR 23	All Fabric Covered Components	05/04/09
46	Brunner Winkle (Bird/Perth-Amboy)	Bird CK	ATC 388	FAR 23	All Fabric Covered Components	05/04/09
47	Buhl	LA-1	ATC 405	FAR 23	All Fabric Covered Components	05/04/09
48	Callair (Aircraft Parts & Dev)	Intermountain, Aero Commander A, A-2, A-3, A-4, A-5, A-5T, A-6, A-7, A-7T, A-9, A-9B	A-758	FAR 23	All Fabric Covered Components	05/04/09
49	Callair (Aeroteck)	B-1, B-1A	A8WE	FAR 23	All Fabric Covered Components	05/04/09
50	Cessna	120, 140	A-768	FAR 23	All Fabric Covered Components	05/04/09
51	Cessna	C-145, C-165 (Army UC-94)	A-701	FAR 23	All Fabric Covered Components	05/04/09
52	Cessna	170	A-799	FAR 23	All Fabric Covered Components	05/04/09
53	Cessna	T-50 (Army AT-17 & UC-78 series; Navy JRC-1)	A-722	FAR 23	All Fabric Covered Components	05/04/09
54	Chase (Roberts)	YC-122C	AR-25	FAR 23	All Fabric Covered Components	05/04/09
55	Command-Aire	3-C-3 Trainer	ATC 150	FAR 23	All Fabric Covered Components	05/04/09
56	Commonwealth	Rearwin 6000M	TC 661	FAR 23	All Fabric Covered Components	05/04/09
57	Commonwealth	Rearwin 7000, Deluxe 7000	TC 574	FAR 23	All Fabric Covered Components	05/04/09
58	Commonwealth	Rearwin 9000, 9000 Deluxe	TC 624	FAR 23	All Fabric Covered Components	05/04/09
59	Consolidated Vultee (General Dynamics)	PBY-5 (Army OA-10), PBY-5A (Army OA-10A)	TC 2-548	FAR 23	All Fabric Covered Components	05/04/09

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60	Consolidated Vultee (Babb)	PBY-6A	TC AR-22	FAR 23	All Fabric Covered Components	05/04/09
61	Consolidated Vultee (Lester Branchflower)	Army L-13 Series	TC AR-10	FAR 23	All Fabric Covered Components	05/04/09
62	Consolidated Vultee	BT-13, -13A (Navy SNV-1), -13B (Navy SNV-2), -15	A-2-571	FAR 23	All Fabric Covered Components	05/04/09
63	Consolidated Vultee (Transaire Spraying)	P4Y-2	AR-29	FAR 23	All Fabric Covered Components	05/04/09
64	Consolidated Vultee (Stewart-Davis)	28-5ACF	TC 785	FAR 23	All Fabric Covered Components	05/04/09
65	Culver (Superior Aircraft)	Army PQ-14A, -14B, YPQ-14A, -14B, Navy TD2C-1	LTC-28	FAR 23	All Fabric Covered Components	05/04/09
66	Curtiss-Wright (Christopher Prevost)	Army P-40N	LTC-18	FAR 23	All Fabric Covered Components	05/04/09
67	Curtiss-Wright (Airlift Intl)	C-46A, -46D, 46F, 46R	3A2	FAR 23	All Fabric Covered Components	05/04/09
68	Curtiss-Wright (L B Smith Aircraft)	C-46A, -46D, -46F	A-789	FAR 23	All Fabric Covered Components	05/04/09
69	Curtiss-Wright (Flying Tiger Line)	C-46A, -46D, -46E, -46F	A-772	FAR 23	All Fabric Covered Components	05/04/09
70	Curtiss-Wright	Robin C-2	ATC 144	FAR 23	All Fabric Covered Components	05/04/09
71	Curtiss-Wright	Robin J-1, J-1 Deluxe	ATC 220	FAR 23	All Fabric Covered Components	05/04/09
72	Curtiss-Wright	CW-1	ATC 397	FAR 23	All Fabric Covered Components	05/04/09
73	Dart	G	674	FAR 23	All Fabric Covered Components	05/04/09
74	Davis	D-1-K	ATC 272	FAR 23	All Fabric Covered Components	05/04/09
75	Davis	D-1-W	2-394	FAR 23	All Fabric Covered Components	05/04/09
76	de Havilland (Robertson)	DH 82A	A8EU	FAR 23	All Fabric Covered Components	05/04/09
77	de Havilland	104 Dove Series 1A, 2A, 5A, 5BA, 6A, 6BA, 7A, 7AXC, 8A, AXC	A-807	FAR 23	All Fabric Covered Components	05/04/09
78	de Havilland (Lamon)	DHC-1B-2	A26NM	FAR 23	All Fabric Covered Components	05/04/09
79	de Havilland (Rust)	DHC1 Chipmunk 21, 22, 22A	A44EU	FAR 23	All Fabric Covered Components	05/04/09
80	Dornier-Werke	DO 28 A-1, DO 28 B-1	7A13	FAR 23	All Fabric Covered Components	05/04/09
81	Douglas	R4D-8	6A2	FAR 23	All Fabric Covered Components	05/04/09
82	Douglas (Seaboard & Western)	Army A-24B, Navy SBD-5	L-4	FAR 23	All Fabric Covered Components	05/04/09

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83	Douglas (Shields)	Army A-26B, A-26C	L-3	FAR 23	All Fabric Covered Components	05/04/09
84	Duramold Aircraft	F-46A	TC 2-545	FAR 23	All Fabric Covered Components	05/04/09
85	Emair (Murryair) (Emroth)	MA-1, MA-1B	A6PC	FAR 23	All Fabric Covered Components	05/04/09
86	Ercoupe (Univair)	415C, 415CD	A-718	FAR 23	All Fabric Covered Components	05/04/09
87	Ercoupe (Univair)	415D, 415E, 415G	A-787	FAR 23	All Fabric Covered Components	05/04/09
88	Extra Flugzeugbau	EA-300, -300S, -300L, -300/200	A67EU	FAR 23	All Fabric Covered Components	05/04/09
89	Fairchild	KR-21	ATC 215	FAR 23	All Fabric Covered Components	05/04/09
90	Fairchild	KR-31	ATC 19	FAR 23	All Fabric Covered Components	05/04/09
91	Fairchild - Hiller	M-62A (Army PT-19, -19A, -19A, -19AE, -19A-SL, -19B, -19B-AE), M-62A-3, -4 (Army PT-26, -26A, -26B), M-62B, -62C (Army PT-23, -23AE, -23HO, -23SL, -23A, -23A-SL)	A-724	FAR 23	All Fabric Covered Components	05/04/09
92	Fairchild	22 C7G	ATC 564	FAR 23	All Fabric Covered Components	05/04/09
93	Fairchild	24 C8	ATC 475	FAR 23	All Fabric Covered Components	05/04/09
94	Fairchild	24 C8C, C8CS	A-535	FAR 23	All Fabric Covered Components	05/04/09
95	Fairchild	24 C8E, 24 C8ES	ATC 600	FAR 23	All Fabric Covered Components	05/04/09
96	Fairchild	24G (Army UC-61H), 24GS	ATC 633	FAR 23	All Fabric Covered Components	05/04/09
97	Fairchild	24H, 24HS	ATC 632	FAR 23	All Fabric Covered Components	05/04/09
98	Fairchild	24J (Army UC-61B), 24JS	663	FAR 23	All Fabric Covered Components	05/04/09
99	Fairchild	24R9 (Army UC-61C), 24R9S, 24R40 (Army UC-86), 24R40S, 24R46, 24R46A (Army UC-61K), 24R46S	A-706	FAR 23	All Fabric Covered Components	05/04/09
100	Fairchild (Steward-Davis)	C-82A, C-82A Jet Packet	AR-15	FAR 23	All Fabric Covered Components	05/04/09
101	Fairchild	F-45 (Army UC-80)	603	FAR 23	All Fabric Covered Components	05/04/09
102	Fleet (Brewster)	Fleet 1	ATC 122	FAR 23	All Fabric Covered Components	05/04/09
103	Fleet (Brewster)	Fleet 2	ATC 131	FAR 23	All Fabric Covered Components	05/04/09

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104	Fleet (Brewster)	Fleet 7, 7-C, 7 Deluxe, 10	ATC 374	FAR 23	All Fabric Covered Components	05/04/09
105	Fleet (Brewster)	Fleet (Phillips) 7	2-562	FAR 23	All Fabric Covered Components	05/04/09
106	Fleet (Brewster)	Fleet 8, 9	ATC 428	FAR 23	All Fabric Covered Components	05/04/09
107	Fleet	16B (RCAF Finch II)	2-566	FAR 23	All Fabric Covered Components	05/04/09
108	Fleet	Fleet 80	788	FAR 23	All Fabric Covered Components	05/04/09
109	Fleetwings (Kaiser)	F-401	2-540	FAR 23	All Fabric Covered Components	05/04/09
110	Frankfort (Corcoran)	B Glider (Army XTG-1, -TG-1A, -1C)	GTC 7	FAR 23	All Fabric Covered Components	05/04/09
111	Funk (McClish)	B, B75L (Army UC-92), B85C)	A-715	FAR 23	All Fabric Covered Components	05/04/09
112	Great Lakes Aircraft	2T-1	ATC 167	FAR 23	All Fabric Covered Components	05/04/09
113	Great Lakes Aircraft	2T-1A,	ATC 228, A18EA	FAR 23	All Fabric Covered Components	05/04/09
114	Great Lakes Aircraft	2T-1A, 2T-1A-1, 2T-1A-2	A18EA	FAR 23	All Fabric Covered Components	05/04/09
115	Great Lakes Aircraft	2T-1E	ATC 354	FAR 23	All Fabric Covered Components	05/04/09
116	Grumman (Kreitzberg)	F7F-3 (Navy Tigercat)	AR-28	FAR 23	All Fabric Covered Components	05/04/09
117	Grumman (American)	F8F-1 (Navy Bearcat)	LTC-23	FAR 23	All Fabric Covered Components	05/04/09
118	Grumman (Acme)	F8F-2 (Navy Bearcat)	AR-32	FAR 23	All Fabric Covered Components	05/04/09
119	Grumman (Carlisle)	Navy FM-2	LTC-25	FAR 23	All Fabric Covered Components	05/04/09
120	Grumman (American)	G21, -21A (Army OA-9; Navy JRF-1, -2, -3, -4, -5, -6B)	TC 654	FAR 23	All Fabric Covered Components	05/04/09
121	Grumman (Gulfstream)	G-44 (Army OA-14; Navy J4F-2), -44A, Scan Type 30	A-734	FAR 23	All Fabric Covered Components	05/04/09
122	Grumman (Frakes)	G-73	A-783	FAR 23	All Fabric Covered Components	05/04/09
123	Grumman (Allied Ag-Cat)	G-164, G-164A, G-164B, G-164C, G-164D	1A16	FAR 23	All Fabric Covered Components	0626/09
124	Grumman (Air Trading)	Navy TBF & TBM Series	LTC-8	FAR 23	All Fabric Covered Components	05/04/09
125	Grumman (Utterback)	Navy J2F-3, -4, -5, -6	LTC-17	FAR 23	All Fabric Covered Components	05/04/09

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126	Grumman (Air Crane)	USAF HU-16A, -16B	A33SO	FAR 23	All Fabric Covered Components	05/04/09
127	Harlow (Peacock)	PJC-1, -2 (Army UC-80)	TC 659	FAR 23	All Fabric Covered Components	05/04/09
128	Helio	H-250, H-295 (USAF U-10D), H-391 (USAF YL-24), H-391B, H-395H (USAF L-28A) H-395A	1A8	FAR 23	All Fabric Covered Components	05/04/09
129	Helton (Spinks)	Lark 95	A-748	FAR 23	All Fabric Covered Components	05/04/09
130	Hiller Aviation	UH-12B, UH-12C	6H2	FAR 23	All Fabric Covered Components	05/04/09
131	Howard (Jobmaster)	DGA-11	672	FAR 23	All Fabric Covered Components	05/04/09
132	Howard (Jobmaster)	DGA-15J (Army UC-70B), DGA-15P Army UC-70; Navy GH-1, -2, -3, NH-1), DGA-15W	A-717	FAR 23	All Fabric Covered Components	05/04/09
133	Inland	W-500	ATC 315	FAR 23	All Fabric Covered Components	05/04/09
134	Interstate	S-1A, S-1A-65F, -85F, -90F	A-737	FAR 23	All Fabric Covered Components	05/04/09
135	Interstate	S-1B1 (Army L-6, XL-6), S-1B2	A-754	FAR 23	All Fabric Covered Components	08/14/09
136	ICA Brasov (Romania)	IS-28B2	G40EU	FAR 23	All Fabric Covered Components	05/04/09
137	Kinner	Sportster K	ATC 490	FAR 23	All Fabric Covered Components	05/04/09
138	Laister-Kauffmann	LK-10A (Army TG-4A), LK-10B	G-15	FAR 23	All Fabric Covered Components	05/04/09
139	LET Aeronautical Works	L33 Solo	G71EU	FAR 23	All Fabric Covered Components	05/04/09
140	Lockheed	1649A-98	4A17	FAR 23	All Fabric Covered Components	05/04/09
141	Luscombe	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F	A-694	FAR 23	All Fabric Covered Components	05/04/09
142	Luscombe	Phantom 1, 1S	ATC 552	FAR 23	All Fabric Covered Components	05/04/09
143	Martin-Marietta	202, 202A	A-795	FAR 23	All Fabric Covered Components	05/04/09
144	Martin-Marietta	404	1A7	FAR 23	All Fabric Covered Components	05/04/09

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145	Maule	BeeDee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-235, MX-7-180	3A23	FAR 23	All Fabric Covered Components	02/01/08
146	McDonnell Douglas	DC3-G102, DC3-G102A (Army C-49E, -50, -50A, -50B, -50D, -51), DC3-G103A, DC3-G202A (Army C-49, -49A, -49B, -49C, -49D, -49J, -49K; Navy R4D-2)	A-618	FAR 23	All Fabric Covered Components	05/04/09
147	McDonnell Douglas	DC3A-SCG, -SC3G, -S1CG, S1C3G (Army C-41, -41A, -48, -52, -52A, -52B, -52C, -53, -53B, -53C, -53D, -68; Navy R4D-3, -4), DC3A-S4C4G, DC3C-SC3G, -S1C3G, -S4C4G (Army C-47, -47A; Navy R4D-1, -5), DC3C-R-1830-90C (Army C-47B; Navy R4D-6), DC3D-R-1830-90C (Army C-117A)	A-669	FAR 23	All Fabric Covered Components	05/04/09
148	McDonnell Douglas	C-54-DC (Army C-54; Navy R5D), C-54A-DC (Army C-54A; Navy R5D-1), C-54B-DC (Army C-54B; Navy R5D-2) C-54D-DC (Army C-54D; Navy R5D-3), C-54E-DC (Army C-54E; Navy R5D-4), C-54G-DC (Army C-54G; Navy R5D-5), DC4	A-762	FAR 23	All Fabric Covered Components	05/04/09
149	McDonnell Douglas	DC-6	A-781	FAR 23	All Fabric Covered Components	05/04/09
150	McDonnell Douglas	DC-6A (Navy R6D-1; USAF C-118A)	6A3	FAR 23	All Fabric Covered Components	05/04/09
151	McDonnell Douglas	DC6-B (Navy R6D-1Z)	6A4	FAR 23	All Fabric Covered Components	05/04/09
152	McDonnell Douglas	DC-7B	4A10	FAR 23	All Fabric Covered Components	05/04/09
153	McKinnon (Atlantic Coast)	G-21G, 21C, 21D, 21E	4A24	FAR23	All Fabric Covered Components	05/04/09
154	Meyers	OTW, OTW-KR, -145, -160	A-736	FAR 23	All Fabric Covered Components	05/04/09
155	Monocoupe	90, 90A, 90AF, 90AF-100, 90AL-115	A-306	FAR 23	All Fabric Covered Components	05/04/09
156	Monocoupe (Saurenman)	110	327	FAR 23	All Fabric Covered Components	05/04/09
157	Mooney	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G	2A3	FAR 23	All Fabric Covered Components	05/04/09
158	Mooney Mite	M-18C, -18C55, -18L, -18LA	A-803	FAR 23	All Fabric Covered Components	05/04/09

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159	Moth	60-GM, 60-GMW	ATC 197	FAR 23	All Fabric Covered Components	05/04/09
160	Naval Aircraft Factory	Navy N3N-3	A-2-569	FAR 23	All Fabric Covered Components	05/04/09
161	Nord-Aviation (Aerospatiale)	Nord 262 Series	A6EU	FAR 23	All Fabric Covered Components	05/04/09
162	Noorduyn	Army UC-64, Norseman Mark VI, UC-64-A, UC-64-B, UC-64-AS	A-2-578	FAR 23	All Fabric Covered Components	05/04/09
163	North American (Rockwell)	BC-1A, AT-6 (SNJ-2), -6A (SNJ-3), -6B, -6C (SNJ-4), -6D (SNJ-5), -6F (SNJ-6, -7), T-6G	A -2-575	FAR 23	All Fabric Covered Components	05/04/09
164	North American (Shell)	Army RB-25, B-25C, G, H, J, B-25N, TB-25N	LTC-2	FAR 23	All Fabric Covered Components	05/04/09
165	North American (Carl Pacific)	Army P-51C, D, K	LTC-11	FAR 23	All Fabric Covered Components	05/04/09
166	Nelson	BB-1 Glider	GTC 19	FAR 23	All Fabric Covered Components	05/04/09
167	Pasped	Skylark W-1	2-546	FAR 23	All Fabric Covered Components	05/04/09
168	Pheasant Aircraft	H-10	ATC 36	FAR 23	All Fabric Covered Components	05/04/09
169	Piaggio	P136-L, -L1, -L2	A-813	FAR 23	All Fabric Covered Components	05/04/09
170	Piper	Cub E-2	ATC 455	FAR 23	All Fabric Covered Components	02/13/07
171	Piper	J-2	ATC 595	FAR 23	All Fabric Covered Components	02/13/07
172	Piper	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S	A-691	FAR 23	All Fabric Covered Components	02/13/07
173	Piper	J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65 (Army L-4D), J3F-65S	A-692	FAR 23	All Fabric Covered Components	02/13/07
174	Piper	J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S	A-698	FAR 23	All Fabric Covered Components	02/13/07
175	Piper	J4, J4A, J4A-S	A-703	FAR 23	All Fabric Covered Components	02/13/07
176	Piper	J4B	708	FAR 23	All Fabric Covered Components	02/13/07
177	Piper	J4E (Army L-4E)	A-740	FAR 23	All Fabric Covered Components	02/13/07
178	Piper	J4F	721	FAR 23	All Fabric Covered Components	02/13/07
179	Piper	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1	A-725	FAR 23	All Fabric Covered Components	02/13/07
180	Piper	PA-12, PA-12S	A-780	FAR 23	All Fabric Covered Components	02/13/07

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181	Piper	PA-14	A-797	FAR 23	All Fabric Covered Components	02/13/07
182	Piper	PA-15	A-800	FAR 23	All Fabric Covered Components	02/13/07
183	Piper	PA-16	1A1	FAR 23	All Fabric Covered Components	02/13/07
184	Piper	PA-16S	1A1	FAR 23	All Fabric Covered Components	05/04/09
185	Piper	PA-17	A-805	FAR 23	All Fabric Covered Components	02/13/07
186	Piper	PA-18, PA-18S, PA-18 "105" Special, PA-18S "105" Special, PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S	1A2	FAR 23	All Fabric Covered Components	02/13/07
187	Piper	Restricted Category PA-18A, PA-18A "135", PA-18A "150"	AR-7	FAR 23	All Fabric Covered Components	02/13/07
188	Piper	PA-20, PA20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135"	1A4	FAR 23	All Fabric Covered Components	02/13/07
189	Piper	PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160	1A6	FAR 23	All Fabric Covered Components	02/13/07
190	Piper (LAVIA)	PA-25, PA-25-235, PA-25-260	2A8 2A10	FAR 23	All Fabric Covered Components	05/04/09
191	Pirtle	Johnson Rocket 185,	776	FAR 23	All Fabric Covered Components	05/04/09
192	Pitcairn AutoGyro	PA-5	ATC 18	FAR 23	All Fabric Covered Components	05/04/09
193	Pitcairn AutoGyro	PA-18	ATC 478	FAR 23	All Fabric Covered Components	05/04/09
194	Pitts (Sky Int'l)	S-1S, S-1T, S-2, S-2A, S-2S, S-2B, S-2C	A8SO	FAR 23	All Fabric Covered Components	05/04/09
195	Porterfield (Rankin)	CP-50	690	FAR 23	All Fabric Covered Components	05/04/09
196	Porterfield (Rankin)	CP-55, -65, CS-65, FP-65, LP-65	A-720	FAR 23	All Fabric Covered Components	05/04/09
197	Porterfield (Rankin)	35, 35-70	ATC 567	FAR 23	All Fabric Covered Components	05/04/09
198	Pratt, Reed (Gould)	PR-G1 (Army TG-32, Navy LNE-1), 2 PCLM	GTC 12	FAR 23	All Fabric Covered Components	05/04/09
199	PZL-Krosno	KR-03A "Peregrine"	G56EU	FAR 23	All Fabric Covered Components	05/04/09

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200	Rearwin (Commonwealth)	175, 180, 180F, 185, 190F	A-729	FAR 23	All Fabric Covered Components	05/04/09
201	Commonwealth	Rearwin 7000, Deluxe 7000	574	FAR 23	All Fabric Covered Components	05/04/09
202	Rearwin (Good)	Rearwin 8090, 8125, 8135 (Army UC-102A), 8135T	711	FAR 23	All Fabric Covered Components	05/04/09
203	Commonwealth	Rearwin 9000, 9000 Deluxe	624	FAR 23	All Fabric Covered Components	05/04/09
204	Rose Aeroplane & Motor Co	Parakeet A-1	2-514	FAR 23	All Fabric Covered Components	05/04/09
205	Roos Aircraft	Lincoln PT-W	ATC 284	FAR 23	All Fabric Covered Components	05/04/09
206	Ryan Aeronautical	ST-A	ATC 571	FAR 23	All Fabric Covered Components	05/04/09
207	Ryan Aeronautical	SCW-145	658	FAR 23	All Fabric Covered Components	05/04/09
208	Ryan Aeronautical	ST-3KR (Army PT-22, -22A)	A-749	FAR 23	All Fabric Covered Components	05/04/09
209	Schweizer (K & L Soaring)	SGU-1-19, SGU-1-19A	G-17	FAR 23	All Fabric Covered Components	02/01/08
210	Schweizer (K & L Soaring)	SGU 2-22, SGU 2-22A, SGU 2-22B, SGU 2-22C, SGU 2-22CK, SGU 2-22E, SGU 2-22EK	G-18	FAR 23	All Fabric Covered Components	02/01/08
211	Schweizer (K & L Soaring)	SGS 1-26, SGS 1-26A, SGS 1-26B, SGS 1-26C, SGS 1-26D, SGS 1-26E	1G10	FAR 23	All Fabric Covered Components	02/01/08
212	Schweizer (K & L Soaring)	SGS 2-8, SGS 2-8A	GTC 5	FAR 23	All Fabric Covered Components	02/01/08
213	Schweizer (K & L Soaring)	SGS 2-32	G1EA	FAR 23	All Fabric Covered Components	02/01/08
214	Schweizer (K & L Soaring)	SGS 2-33, SGS 2-33A, SGS 2-33AK	G2EA	FAR 23	All Fabric Covered Components	02/01/08
215	Schweizer (K & L Soaring)	SGS 1-34, SGS 1-34R	G3EA	FAR 23	All Fabric Covered Components	02/01/08
216	Schweizer	TG-3A Army – Glider	TC G-2-11	FAR 23	All Fabric Covered Components	02/01/08
217	Sikorsky	VS-44-A – Glider	752	FAR 23	All Fabric Covered Components	05/04/09
218	Spartan	7W (Army UC-71)	628	FAR 23	All Fabric Covered Components	05/04/09
219	Stearman	C-3-B	ATC 55	FAR 23	All Fabric Covered Components	05/04/09
220	Stearman (Miller)	Miller Y-1S	644	FAR 23	All Fabric Covered Components	05/04/09

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221	Stearman (Boeing)	A75L3, 75 (Army PT-13), A75, (Army PT-13A, -13B, -13C), B75, (Navy N2S-5), E75 (Army PT-13D, Navy N2S-5), A75J1 (Army PT-18), A75L300, A75N1 (Army PT-17, -17A, Navy N2S-1, -4), B75N1 (Navy N2S-3), D75N1 (Army PT-27), IB75A, E75N1	A-743	FAR 23	All Fabric Covered Components	05/04/09
222	Stearman – Boeing	4-C	2-155	FAR 23	All Fabric Covered Components	05/04/09
223	Stearman	4E	ATC 292	FAR 23	All Fabric Covered Components	05/04/09
224	Stinson (Consolidated Vultee)	SM-8A	ATC 295	FAR 23	All Fabric Covered Components	02/01/08
225	Stinson (Consolidated Vultee)	SM-8B, -8BT	ATC 294	FAR 23	All Fabric Covered Components	02/01/08
226	Stinson (Consolidated Vultee)	SR-5, SR-5A (Army L-12), SR-5B, SR-5C, SR-5E	ATC 530	FAR 23	All Fabric Covered Components	02/01/08
227	Stinson (Consolidated Vultee)	SR-7A, SR-7B, SR-7C	ATC 594	FAR 23	All Fabric Covered Components	02/01/08
228	Stinson (Consolidated Vultee)	SR-8A, SR-8B (Army UC-81), SR-8C (Army UC-81L)	ATC 608	FAR 23	All Fabric Covered Components	02/01/08
229	Stinson (Consolidated Vultee)	SR-8D (Army UC-81B), SR-8E	ATC 609	FAR 23	All Fabric Covered Components	02/01/08
230	Stinson (Consolidated Vultee)	SR-9A, SR-9B (Army UC-81N), SR-9C (Army UC-81C)	ATC 621	FAR 23	All Fabric Covered Components	02/01/08
231	Stinson (Consolidated Vultee)	SR-9D (Army UC-81G), SR-9DM, SR-9EM (Army UC-81M)	ATC 625	FAR 23	All Fabric Covered Components	02/01/08
232	Stinson (Consolidated Vultee)	SR-9E (Army UC-81J)	ATC 625	FAR 23	All Fabric Covered Components	05/04/09
233	Stinson	SR-9F (Army UC-81E)	ATC 640	FAR 23	All Fabric Covered Components	02/01/08
234	Stinson	HW-75, 10	A-709	FAR 23	All Fabric Covered Components	02/01/08
235	Stinson	10A (Army L-9B), 10B	A-738	FAR 23	All Fabric Covered Components	02/01/08
236	Stinson (Executive)	Army L-1	LTC-26	FAR 23	All Fabric Covered Components	02/01/08
237	Stinson (Executive)	Army L-1A, L-1B, L-1C, L-1D, L-1E, L-1F	LTC-26	FAR 23	All Fabric Covered Components	05/04/09
238	Stinson (Consolidated Vultee)	L-5, L-5B, L-5C, L-5D, L-5E, L-5E-1, L-5G	A-764	FAR 23	All Fabric Covered Components	02/01/08
239	Stinson (Univair)	108, 108-1, 108-2, 108-3, 108-5	A-767	FAR 23	All Fabric Covered Components	02/01/08
240	Stinson (Consolidated Vultee)	V-77 (Army AT-19)	A-774	FAR 23	All Fabric Covered Components	02/01/08
241	Taylorcraft	Model A	A-643	FAR 23	All Fabric Covered Components	02/01/08

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242	Taylorcraft (Arizona Aerospace)	DC-65 (Army L-2, L-2C), DCO-65 (Army L-2A, L-2B, L-2M), DF-65 (Army L-2E), DL-65 (ArmyL-2D)	A-746	FAR 23	All Fabric Covered Components	02/01/08
243	Taylorcraft (Taylorcraft 2000 LLC)	BC, BCS, BC-65, BCS-65, BC12-65 (Army L-2H), BCS12-65, BC12-D, BCS12-D, BC12-D1, BCS12-D1, BC12D-85, BCS12D-85, BC12D-4-85, BCS12D-4-85	A-696	FAR 23	All Fabric Covered Components	02/01/08
244	Taylorcraft	BF (Army L-2G), BFS, BF-60, BFS-60, BF-65, BFS-65, BF12-65 (Army L-2K), BFS12-65	A-699	FAR 23	All Fabric Covered Components	02/01/08
245	Taylorcraft	BL, BLS, BL-65 (Army L-2F), BLS-65, BL12-65, (Army L-2J), BLS12-65	A-700	FAR 23	All Fabric Covered Components	02/01/08
246	Taylorcraft (Taylorcraft 2000 LLC)	19, F19, F21, F21A, F21B, F22, F22A	1A9	FAR 23	All Fabric Covered Components	02/01/08
247	Taylorcraft (Taylorcraft 2000 LLC)	F22C	1A9	FAR 23	All Fabric Covered Components	05/04/09
248	Taylorcraft (Helio)	Model 15A, 20	3A3	FAR 23	All Fabric Covered Components	02/01/08
249	Travel Air (Curtiss-Wright)	Travel Air 12-W	ATC 407	FAR 23	All Fabric Covered Components	05/04/09
250	Travel Air (Curtiss-Wright)	Travel Air 3000	ATC 31	FAR 23	All Fabric Covered Components	05/04/09
251	Travel Air (Curtiss-Wright)	Travel Air 4000	ATC 32	FAR 23	All Fabric Covered Components	05/04/09
252	Travel Air (Curtiss-Wright)	Travel Air B-4000	ATC 146	FAR 23	All Fabric Covered Components	05/04/09
253	Travel Air (Curtiss-Wright)	Travel Air B9-4000	TC 2-381	FAR 23	All Fabric Covered Components	05/04/09
254	Travel Air (Curtiss-Wright)	Travel Air C-4000	ATC 149	FAR 23	All Fabric Covered Components	05/04/09
255	Travel Air (Curtiss-Wright)	Travel Air D-4D	TC 2-178	FAR 23	All Fabric Covered Components	05/04/09
256	Travel Air (Curtiss-Wright)	Travel Air D-4000	TC 2-84	FAR 23	All Fabric Covered Components	05/04/09
257	Travel Air (Curtiss-Wright)	Travel Air E-4000	ATC 188	FAR 23	All Fabric Covered Components	05/04/09
258	Travel Air (Curtiss-Wright)	Travel Air K-4000	ATC 205	FAR 23	All Fabric Covered Components	05/04/09
259	Travel Air (Curtiss-Wright)	Travel Air L-4000	TC 2-560	FAR 23	All Fabric Covered Components	05/04/09
260	Travel Air (Curtiss-Wright)	Travel Air W-4000	ATC 112	FAR 23	All Fabric Covered Components	05/04/09
261	Waco	ASO	ATC 41	FAR 23	All Fabric Covered Components	05/04/09
262	Waco	AVN-8, ZVN-8	677	FAR 23	All Fabric Covered Components	05/04/09

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263	Waco	CSO	ATC 240	FAR 23	All Fabric Covered Components	05/04/09
264	Waco	CTO	ATC 257	FAR 23	All Fabric Covered Components	05/04/09
265	Waco	CUC, CUC-1, -2	ATC 575	FAR 23	All Fabric Covered Components	05/04/09
266	Waco	GXE	ATC 13	FAR 23	All Fabric Covered Components	05/04/09
267	Waco	INF	ATC 345	FAR 23	All Fabric Covered Components	05/04/09
268	Waco	QCF	ATC 416	FAR 23	All Fabric Covered Components	05/04/09
269	Waco	RNF	ATC 311	FAR 23	All Fabric Covered Components	05/04/09
270	Waco	UBF	ATC 473	FAR 23	All Fabric Covered Components	05/04/09
271	Waco	UEC	ATC 467	FAR 23	All Fabric Covered Components	05/04/09
272	Waco	UIC	ATC 499	FAR 23	All Fabric Covered Components	05/04/09
273	Waco	UPF-7, VPF-7	A-642	FAR 23	All Fabric Covered Components	05/04/09
274	Waco	UKS-7, VKS-7F, VKS-7	ATC 648	FAR 23	All Fabric Covered Components	05/04/09
275	Waco	YKS-7 (Army UC-72K), ZKS-7 (Army UC-72M)	TC 626	FAR 23	All Fabric Covered Components	05/04/09
276	Waco	YMF	ATC 542	FAR 23	All Fabric Covered Components	05/04/09
277	Waco	YPF, YPF-6, -7, ZPF-6, -7	ATC 586	FAR 23	All Fabric Covered Components	05/04/09
278	White New Standard	New Standard D25, 5 POLB	ATC 108	FAR 23	All Fabric Covered Components	05/04/09
279	American Champion	Lancer 402	A3CE	FAR 23	All Fabric Covered Components	06/26/09
280	STOL Aviation LLC Interstate	S-1	2-558	CAR 04	All Fabric Covered Components	8/14/09
281	Porterfield	35W, 75-C	611	Aero Bulletin 7A	All Fabric Covered Components	8/14/09
282	Porterfield	CP40, CP40A	2-530	Aero Bulletin 7A	All Fabric Covered Components	8/14/09
283	Porterfield	35V	ATC 606	Approved Type Certificate 606	All Fabric Covered Components	8/14/09

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284	Super 18 LLC	S18-180	A00003AK	FAR 23	All Fabric Covered Components	8/14/09
285	Cub Crafters Inc.	CC18-180, CC18-180A	A00006SE	FAR 23	All Fabric Covered Components	8/14/09
286	Boeing	DC3	6A2	CAR4b	All Fabric Covered Components	8/14/09
287	Cessna	C-37 (Army UC-77C, UC77D)	ATC 622	Approved Type Certificate 622	All Fabric Covered Components	8/14/09

FAA Approved _____
Manager, Seattle Aircraft Certification Office

Dated: February 13, 2007

Amended February 1, 2008, May 4, 2009, June 26, 2009,
August 14, 2008