



U.S. Department
of Transportation
**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

ABI, LLC
81 Commercial Dr
Palmer, AK 99645

PMA No. PQ4204CE
Supplement No. 20
Date. 03/30/2026

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tail Wheel Head	ABI-3216-00	3216-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3216-00 <u>Rev:</u> A <u>Date:</u> 09/18/14 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Tail Wheel Head	ABI-3216-1	3216-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3216-1 <u>Rev:</u> G <u>Date:</u> 12/19/17 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC

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				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Tail Wheel Bolt	ABI-3216-2	3216-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3216-2 <u>Rev:</u> M <u>Date:</u> 1/29/24 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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-18S "135", PA-18 "150", PA-18A "150", PA-18S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Fiber Thrust Washer	ABI-3207-00	3207-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3207-00 <u>Rev:</u> C <u>Date:</u> 06/14/10 or later FAA-approved revisions		"150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Fiber Thrust Washer	ABI-3207-00	3207-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3207-00 <u>Rev:</u> C <u>Date:</u> 06/14/10 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					(USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

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Tail Wheel Head	ABI-800613	800613	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-800613 <u>Rev:</u> A <u>Date:</u> 11/09/16 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca) AeroSedan LLC Textron Aviation Inc. TopCub Aircraft Inc Cub Crafters Inc. FS 2001 Corp. FS 2002 Corp. FS 2003 Corp. STOL Aviation, LLC (Insterstate)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC 15AC 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L,A150M,152, 170, 170A, 170B, 172, 172A, 172B, 172C,172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C CC18-180 CC19-180, CC19-215 J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12 S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

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Tail Wheel Head Two Bolt	ABI-800613-1	800613-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-800613-1 <u>Rev:</u> F <u>Date:</u> 04/24/18 or later FAA-approved revisions	Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S,

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					175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Thrust Plate Assy	ABI-3234-00	3234	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3234-00 <u>Rev:</u> A <u>Date:</u> 01/18/19 or later FAA-approved revisions		J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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-18 "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Thrust Plate Assy	ABI-3234-00	3234	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3234-00 <u>Rev:</u> A <u>Date:</u> 01/18/19 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spring, Compression	ABI-3233-00	3233-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3233-00 <u>Rev:</u> C <u>Date:</u> 05/17/10 or later FAA-approved revisions	Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Interstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Dust Cover, Upper	ABI-3235-02	3235-02	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3235-02 <u>Rev:</u> B <u>Date:</u> 08/25/08 or later FAA-approved revisions		“135”, PA-18AS “135”, PA-18 “150”, PA-18A “150”, PA-18S “150”, PA-18AS “150”, PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Dust Cover, Upper	ABI-3235-02	3235-02	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3235-02 <u>Rev:</u> B <u>Date:</u> 08/25/08 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Dust Cover, Upper	ABI-3256-2	3256-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3256-2 <u>Rev:</u> C <u>Date:</u> 08/25/08 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca) AeroSedan LLC Textron Aviation Inc. TopCub Aircraft Inc Cub Crafters Inc. FS 2001 Corp. FS 2002 Corp. FS 2003 Corp. STOL Aviation, LLC (Insterstate)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC 15AC 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L,A150M,152, 170, 170A, 170B, 172, 172A, 172B, 172C,172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C CC18-180 CC19-180, CC19-215 J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1 PA-14 PA-12 S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Thrust Washer	ABI-3206-00	3206-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3206-00 <u>Rev:</u> G <u>Date:</u> 02/07/18 or later FAA-approved revisions	Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Steering Arm Assy	ABI-3214-00	3214	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3214-00 <u>Rev:</u> F <u>Date:</u> 09/30/19 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Interstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, M-5-180C,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Steering Arm Assy	ABI-3214T	3214T	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3214T <u>Rev:</u> F <u>Date:</u> 09/30/19 or later FAA-approved revisions	Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCB, 7GCB, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Pawl	ABI-3219-00	3219-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3219-00 <u>Rev:</u> G <u>Date:</u> 01/20/16 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCB, 7HC, 7JC, 7KC, 7KCAB, 8GCB, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Dust Cover, Lower	ABI-3235-01	3235-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3235-01 <u>Rev:</u> B <u>Date:</u> 08/25/08 or later FAA-approved revisions	Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					"135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Dust Cover, Lower	ABI-3256-1	3256-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3256-1 <u>Rev:</u> C <u>Date:</u> 08/25/08 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Bushing	ABI-3205-00	3205-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3205-00 <u>Rev:</u> B <u>Date:</u> 06/25/10 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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-18 "135", PA-18 "150", PA-18A "150", PA-18S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tail Wheel Fork	ABI-3224-00	3224-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3224-00 <u>Rev:</u> H <u>Date:</u> 12/13/17 or later FAA-approved revisions		“150”, PA-18AS “150”, PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Tail Wheel Fork	ABI-3224-00	3224-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3224-00 <u>Rev:</u> H <u>Date:</u> 12/13/17 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					(USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spacer	ABI-2504-01	2504-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-2504-01 <u>Rev:</u> C <u>Date:</u> 02/17/06 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spacer	ABI-3258-00	3258-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3258-00 <u>Rev:</u> A <u>Date:</u> 02/17/06 or later FAA-approved revisions	Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spacer	ABI-3258-01	3258-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3258-01 <u>Rev:</u> A <u>Date:</u> 02/17/06 or later FAA-approved revisions		J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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-18 "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Spacer	ABI-3258-01	3258-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3258-01 <u>Rev:</u> A <u>Date:</u> 02/17/06 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pin	ABI-3257-00	3257-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3257-00 <u>Rev:</u> A <u>Date:</u> 02/17/06 or later FAA-approved revisions	Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tab Lock Washer	ABI-3225-00	3225-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3225-00 <u>Rev:</u> B <u>Date:</u> 04/16/07 or later FAA-approved revisions		"135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Tab Lock Washer	ABI-3225-00	3225-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3225-00 <u>Rev:</u> B <u>Date:</u> 04/16/07 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spacer	ABI-3227-00	3227-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3227-00 <u>Rev:</u> A <u>Date:</u> 04/13/05 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Wheel Half	ABI-3244-00	3244-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3244-00 <u>Rev:</u> G <u>Date:</u> 02/03/16 or later FAA-approved revisions	Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Spring	ABI-3222-00	3222-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3222-00 <u>Rev:</u> E <u>Date:</u> 09/13/06 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, M-5-180C, M-5-200, M-5-210C, M-5-210TC,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spacer	ABI-3241-3S	3241-3S	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3241-3S <u>Rev:</u> C <u>Date:</u> 11/11/15 or later FAA-approved revisions		19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Leaf Spring Adapter 1¼"	ABI-3243-02	3243-02	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3243-02 <u>Rev:</u> C <u>Date:</u> 07/30/19 or later FAA-approved revisions		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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
Leaf Spring Adapter 1¼"	ABI-3243-02	3243-02	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3243-02 <u>Rev:</u> C <u>Date:</u> 07/30/19 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Leaf Spring Adapter 1½"	ABI-3243-01	3243-01	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3243-01 <u>Rev:</u> C <u>Date:</u> 07/30/19 or later FAA-approved revisions	Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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-18S "135", PA-18 "150", PA-18A "150", PA-18S

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Axle	ABI-3236	3236-00	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3236 <u>Rev:</u> C <u>Date:</u> 04/30/18 or later FAA-approved revisions		“150”, PA-18AS “150”, PA-19 (Army L-18C), PA-19S, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					(USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pin	ABI-232-046	232-046	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-232-046 <u>Rev:</u> E <u>Date:</u> 02/18/15 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Grease Seal	ABI-1863	1863	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-1863 <u>Rev:</u> A <u>Date:</u> 02/17/06 or later FAA-approved revisions	Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5
				American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S,

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pawl	ABI-3219-02	3219-02	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ABI-3219-02 <u>Rev:</u> C <u>Date:</u> 02/25/16 or later FAA-approved revisions	American Champion Aircraft Corp. (Bellanca, Champion, Aeronca)	7AC, 7ACA, S7AC, (Army L-16A) 7BCM, (Army L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC, 8KCAB, 11AC, S11AC, 11BC, S11BC, 11CC
				AeroSedan LLC	15AC
				Textron Aviation Inc.	120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 175, 175A, 175B, 175C
				TopCub Aircraft Inc	CC18-180
				Cub Crafters Inc.	CC19-180, CC19-215
				FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C, AE-1, HE-1
				FS 2002 Corp.	PA-14
				FS 2003 Corp.	PA-12
				STOL Aviation, LLC (Insterstate)	S-1B2

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Luscombe Aircraft Corp.	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Maule Aerospace Technology Inc.	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180V, M-4-210, M-4-210C, M-4-220C, 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, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420, M-7-420AC, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180B, MX-7-180C, MX-7-180AC, MX-7-235, MX-7-420, M-8-235
				Piper Aircraft Inc.	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, J3F-50, J3F-50S, J3F-60, J3F-60S, (Army L-4D) J3F-65, J3F-65S, J3L, J3L-S, J3L-65 (Army L-4C), J3L-65S, J4, J4A, J4E (Army L-4E), PA-11, PA-15, PA-16, PA-17, 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, PA-20, PA-22

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Aviat Aircraft Inc.	A-1, A-1A, A-1B, A-1C-180, A-1C-200
				Taylorcraft 2000 LLC	BCS, BCS-65, BCS12-65, BCS12-D, BCS12-D1, BCS12D-85, BCS12D-4-85, 19, F19, F21, F21A, F21B
				Taylorcraft Inc.	BLS, BLS-65, BLS12-65, BFS, BFS-60, BFS-65, (Army L-2K) BF 12-65
				Univair Aircraft Corp. (Stinson)	108, 108-1, 108-2, 108-3, 108-5

-----End of Listing-----

GENERAL NOTES:

Provide minor design changes in a manner as determined by the cognizant FAA certification branch. Process major design changes to drawings and specifications in the same manner as that for an original FAA PMA.

The FAA accepted the instructions for continued airworthiness (ICA) approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50



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for Gregory S. DiLibero
Manager, West Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

CARLTON N
COCHRAN

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Carlton N. Cochran
Manager, Minneapolis Certificate Management
Section AIR-864
Aviation Safety