

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

LONE STAR AVIATION CORP.
604 So. Wisteria Street
Mansfield, TX 76063
 682-518-8882

PMA No. PQ0771SW
Supplement No. 1
Revision No.
Project No.

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Magneto Filter	LS03-01010	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation's Drawing List LS03-01010-01, Revision C, Dated December 14, 2001 or later FAA approved revisions.	Teledyne Continental Motors	When equipped with Bendix-Continental: S20, 21, 200, Series Magneto. A-65-12, A-65-12F, A-65-12F3, A-65-12J, A-65-14, A-65-14F, A-65-14F3, A-65-14J, A-65-1, A-65-3, A-65-6, A-65-6J, A-65-7, A-65-8, A-65-8F, A-65-8FJ, A-65-8J, A-65-9, A-65-9F, A-65-9FJ, A-65-9J, A-75-3, A-75-6, A-75-6J, A-75-8, A-75-8F, A-75-8FJ, A-75-8J, A-75-9, A-75-9J, C75-12, C75-12B, C75-12BF, C75-12BFH, C75-12F, C75-12FH, C75-12FBJ, C75-12FJ, C75-12J, C75-15, C75-15F, C75-8, C75-8F, C75-8FH, C75-8FHJ, C75-8FJ, C7C85-8FHJ, C85-12, C85-12F, C85-12FH, C85-12FHJ, C85-12FJ, C85-12J, C85-14F, C85-15, C85-F, C85-8, C85-8F, C85-8FHJ, C85-8FJ, C85-8J, E165-2, E-165-3, E165-4, E185-10, E185-11, E185-1, E185-2, E185-3, E185-5, E185-9, C90-12F, C90-14FH, C90-12FJ, C90-12FP, C90-14F, C90-14FH, C90-14FJ, C90-16F, C90-8F, C90-8FJ, O-200-A, O-200-B, O-200-C, C145-2, C145-2H, C145-2HP, O-300-A, O-300-B, O-300-C, O-300-D, O-300-E, E225-2, E225-4, E225-8, E225-9, A-50-1, A-50-2, A-50-3, A-50-4, A-50-4J, A-50-5, A-50-5J, A-50-6, A-50-6J, A-50-7, A-50-7J, A-50-8, A-50-9, A-50-9J, O-320-B, IO360-A, IO360-AB, IO360-B, IO360-C, IO-360-C1, IO360-D, IO360-DB, IO360-E, IO360-ES IO360-G, IO360-GB, IO360-H, IO360-HB, IO360-J, IO360-JB IO360-K, IO360-KB, IO470-D, IO470-E, IO470-F, IO470-G, IO470-H, IO470-J, IO470-K, IO470-L, IO470-LO, IO470-M, IO470-N, IO470-P,

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Magneto Filter	LS03-01010	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation Drawing List LS03-01010-01, Revision C, Dated December 14, 2001 or later FAA approved revisions.	Teledyne Continental Motors	When equipped with Bendix-Continental: S20, 21, 200, Series Magneto. IO470-R, IO470-S, IO470-T, IO470-U, IO470-V, IO470-VO, IO470-A, TSIO470-B, TSIO470-C, TSIO470-D, O470-11-C1, O470-11, O470-11B-C1, O470-13, O470-13A, O470-15, O470-4, IO470-A, IO470-C, O470-A, O470-B-C1, O470-B, O470-E, O470-G-C1, IO470-A, TSIO470-B, TSIO470-C, TSIO470-D, O470-11-C1, O470-11, O470-11B-C1, O470-13, O470-13A, O470-15, O470-4, IO470-A, IO470-C, O470-A, O470-B-C1, O470-B, O470-E, O470-G-C1, O470-G, O470-H, O470-J, O470-K-C1, O470-K, O470-J-C1, O470-M-C1, O470-M, O470-N, O470-P, O470-R, O470-S, O470-T, O470-U, GO-300-A, GO-300-B, GO-300-C, GO-300-D, GO-300-E, GO-300-F, GIO-470-A, LTSIO-360-F, LTSIO-360-FB, LTSIO-360-KB, LTSIO-360-RB, TSIO-360-A, TSIO-360-AB, TSIO-360-B, TSIO-360-BB, TSIO-360-C, TSIO-360-CB, TSIO-360-D, TSIO-360-DB, TSIO-360-E, TSIO-360, EB, TSIO-360-F, TSIO-360-FB, TSIO-360-G, TSIO-360-GB, TSIO-360-H, TSIO-360-HB, TSIO-360-JB, TSIO-360-KB, TSIO-360-LB, TSIO-360-MB, TSIO-360-NB, TSIO-360-PB, TSIO-360-RB, TSIO-360-SB.

(End of Teledyne Continental)

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Magneto Filter	LS03-01010	Modification Part	Test and Computations per 14 CFR, 21.303, Lone Star Aviation Drawing List LS03-01010-01, Revision C, Dated December 14, 2001 or later FAA approved revisions.	Textron Lycoming, AVCO Corporation (Textron Lycoming Engines)	When equipped with Bendix-Continental: S20, 21, 200, Series Magneto. O-360-A3A, O-360-A3AD, O-360-A3D, O-360-A4A, O-360-A4AD, O-360-A4D, O-360-A4G, O-360-A4J, O-360-A4K, O-360-A4M, O-360-A4N, O-360-A4P, O-360-A5AD, O-360-B1A, O-360-B1B, O-360-B2A, O-360-B2B, O-360-B2C, O-360-C1A, O-360-C1C, O-360-C1E, O-360-C1F, O-360-C1G, O-360-C2A, O-360-C2B, O-360-C2C, O-360-C2D, O-360-C2E, O-360-C4F, O-360-C4P, O-360-D1A, O-360-D2A, O-360-D2B, O-360-E1A6D, O-360-E1AD, O-360-E1BD, O-360-E2AD, O-360-E2BD, O-360-F1A6 O-360-G1A6, O-360-J2A, O-540-A1A5, O-540-A1A, O-540-A1B5, O-540-A1C5, O-540-A1D5, O-540-A1D, O-540-A2B, O-540-A3D5, O-540-A4A5, O-540-A4B5, O-540-A4C5, O-540-A4D5, O-540-B1A5, O-540-B1B5, O-540-B1D5, O-540-B2A5, O-540-B2B5, O-540-B2C5, O-540-B4A5, O-540-B4B5, O-540-D1A5, O-540-E4A5, O-540-E4B5, O-540-E4C5, O-540-F1A5, O-540-F1B5, O-540-G1A5, O-540-G2A5, O-540-H1A5, O-540-H1A5D, O-540-H1B5D, O-540-H2A5, O-540-H2A5D, O-540-H2B5D, O-540-J1A5D, O-540-J1B5D, O-540-J1C5D, O-540-J1D5D, O-540-J2A5D, O-540-J2B5D, O-540-J2C5D, O-540-J2D5D, O-540-J3A5, O-540-J3A5D, O-540-J3C5D, VO-540-L3C5D, VO-540-A1A, VO-540-A2A, VO-540-B1A, VO-540-B1B3, VO-540-B1B VO-540-B1C, VO-540-B1D, VO-540-B1E, VO-540-B1F, VO-540-B1H3, VO-540-B2A, VO-540-B2C, VO-540-B2D, VO-540-B2E, VO-540-B2G, VO-540-C1A, VO-540-C1B VO-540-C1C3.

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cooling Fan	LS03-03034	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation Drawing List LS01-List dtd. March 17, 1999, Rev. 0, and installed per Lone Star Aviation dwg: LS03-0402 sheet 1 and 2 of 2. Revision A, Dated: 22 July 2000, or later FAA approved revisions.	The Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172RG.
Cooling Fan	LS03-03035	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation Drawing List LS01-List dtd. March 17, 1999, Rev. 0, and installed per Lone Star Aviation dwg: LS03-0402 sheet 1 and 2 of 2. Revision A, Dated: 22 July 2000, or later FAA approved revisions.	The Cessna Aircraft Company	172P, 172Q, 172R, 172S.
Cooling Fan	LS03-03034-1	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation. Drawing List LS01-List dtd. May 31, 2002, Rev: 1, and installed per Lone Star Aviation dwg: LS03-0402 sheet 1 and 2 of 2. Revision A, Dated: 22 July 2000, or later FAA approved revisions.	The Cessna Aircraft Company	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172RG.

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cooling Fan	LS03-03034-1	Modification Part	Test and Computations per 14 CFR 21.303. Lone Star Aviation. Drawing List LS01-List May 31 2002, Rev: 1, and installed per Lone Star Aviation dwg. LS03-0402 sheet 1 and 2 of 2. Revision A Dated 22, July 2000, or later FAA approved revisions	The Cessna Aircraft Company	172P, 172Q, 172R, 172S.
Cooling Hose	LS03-04000-24 LS03-04000-36	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation. Drawing List LS03-400, Rev-0, Dated: March 18, 1999, and installed per Lone Star Aviation Drawing: LS03-401, Rev-0, Dated: April 3, 2000 or later FAA approved revisions.	The Cessna Aircraft Company	Each aircraft model listed when equipped with an avionics cooling fan/blower. 150,150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 177, 177A, 177B, 177RG, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, R182, T182, TR182, 188, 188A, 188B, A188, A188A, A188B, T188C, 190, 195, 195A, 195B, 206, 206H, P206, P206A, P206B, P206C, P206D, P206E, T206H, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, 207, 207A, T207, T207A, 208, 208A, 208B, 210, 210-5, 210-5A, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N, P210N, P210R, 210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R, 305B, 305E, C-145, C-165 (Army HC-94)

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Cooling Hose	LS03-04000-24 LS03-04000-36	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation. Drawing List LS03-400, Rev-0, Dated: March 18, 1999, and installed per Lone Star Aviation Drawing: LS03-401, Rev-0, Dated: April 3, 2000 or later FAA approved revisions.	The New Piper Aircraft, Inc. The New Piper Aircraft, Inc. Univair Aircraft Corporation Mooney Mite Aircraft Corporation (Mooney Aircraft Company) The Don Luscombe Aviation History Foundation, Inc.	PA-18, PA-18-105, PA-18 (125), PA-18 (135), PA-18 125, PA-18-135, PA-18-150, PA-18A, PA-18A (135), PA-18A-150, PA-18AS (125), PA-18S-135, PA-18AS-150, PA-18S, PA-18S-105, PA-18S-125, PA-18S-150, PA-19, PA-19S, PA-20, PA-20 (115), PA-20 (135), PA-20S, PA-20S-115, PA-20-135, PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-22S-135, PA-22S-150, PA-22S-160, PA-23, PA-23-160, PA-23-235, PA-23-250, PA-E23-250, PA-24, PA-24-250, PA-24-400, PA-24-260, PA-25, PA-25-235, PA-25-260, PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28S-160, PA-28S-180, PA-32-260, PA-32-300, PA-32-301, PA-32-301T, PA-32R-300, PA-32R-301HP, PA-32R-301SP, PA-32R-301T, PA-32S-300, PA-32RT-300, PA-32RT-300T, PA-36-285, PA-36-300, PA-36-375, PA-46-310P, PA-46-350P. 415-C, 415-CD, 415-D, 415-E, 415-G, 415-F-1, 415-F-1A, A-2, A2-A, M10, 108, 108-1, 108-2, 108-3, 108-5. M-18C, M-18C55, M-18L, M-18LA 8, 8A, 8b, 8c, 8d, 8e, 8f, T-8f

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Hose Avionics	LS03-04000-24 LS03-04000-36	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation. Dwg, List LS03-400, Dated: March 18,1999, Rev-0 and installed per Lone Star Aviation dwg: LS03-0401, Rev-0, Dated: April 3, 2000 or later FAA approved revisions.	Luscombe Aircraft Corporation Aermacchi S.P.A Air Tractor, Inc. American Champion Aircraft Corporation Raytheon Aircraft Company Alexandria Aircraft, LLC (Ballanca, Inc.)	11A S.P.A. F260, F260B, F260C, F260D, F260E, F260F AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401A, AT-401B, AT-402, AT-402A, AT-402B, AT-501, AT-502, AT-502A, AT-502B, AT-503, AT-503A, AT-602, AT-802, AT-802A 7AC, 7ACA, 7BCM, 7CCM, 7DC, 7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, S7AC, S7CCM, S7DC, S7EC, 8GCBC, 8KCAB 19A, B19, M19A, 23, A23, A23A, A23-19, A23-24, C23, A24, A24R, B23, C23, B24R, C24R, T-34-C, E33, E33A, E33C, F33, F33A, F33C, G33, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC, 35, 35R, A35, B35, C35, D35, E35, F35, G35, D55, D55A, E55, E55A, 58, 58A, 58P, 58PA, 58TC, 58TCA, 76,77 14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30A, 17-31A, 17-31ATC,

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Hose Avionics	LS03-04000-24 LS03-04000-36	Modification Part	Test and Computations per 14 CFR 21.303, Lone Star Aviation. Dwg, List LS03-400, Dated: March 18, 1999, Rev-0 and installed per Lone Star Aviation dwg. LS03-0401, Rev-0, Dated: April 3, 2000 or later FAA approved revisions.	Tiger Aircraft LLC (American General Aircraft Holding Co.)	AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA-5A, AA-5B, AG-5B

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Electronic Noise Filters.	LS10003-01	Modification Part	Test and Computations per 14 CFR § 21.303 Drawing No: LS10003-01, Rev: IR, Dated: 8/9/98, or later FAA approved revisions.	The Cessna Aircraft Company (Cessna)	150,150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H 172I, 172K, 172L, 172M, 172N, 172P, 172RG, 172Q, 172R, 177, 177A, 177B, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, TR182, 182S, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B, 188C, A188A, A188B, T188C, 190, 195, 195A, 195B, 206, P206, 206A, P206B, P206C, P206D, P206E, U206, 206A, 206H, TP206E, TU206A, TU206B, TU206C, 206B, U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, TP206D, TU206D, TU206E, TU206F, TU206G, 207, 207A, T207, T207A, 208, 208A, 208B, 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5(205), 210-5A(205A), 321(NAVY OE-2), 305A(USAF-O- 1A) 305C (USAF-O-1 E), 305D (USAF-O-1G), 305F, C-145, C-165 (Army HC-94)

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Electronic Noise Filters.	LS10003-01	Modification Part	Test and Computations per 14 CFR § 21.303 Drawing No: LS10003-01, Rev: IR, Dated: 8/9/98, or later FAA approved revisions.	<p>The New Piper Aircraft Company</p> <p>The New Piper Aircraft Company</p> <p>Univair Aircraft Corporation (Mooney Aircraft Company)</p> <p>Mooney Aircraft Corporation (Mooney Aircraft Company)</p>	<p>PA-18, PA-18S, PA-18 (105), PA-18S (105), PA-18A, PA-18 (125), PA-18S (125), PA-18AS (125), PA-18 (135), PA-8A-135, PA-18S (135), PA-18AS (135), PA-18-150, PA-18A-150, PA-18S (150), PA-18AS (150), PA-19 (ARMY), PA-19S, PA-20, PA-20-115, PA-0S (115), PA-20 (135), PA-20S (135), PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22-160, PA-22S-160, PA-24, PA-24-250, PA-24-400, PA-24-260, PA-25, PA-25-235, PA-25-260, PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PS-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-2SRT-201T, PA-28-201T, PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300-T, PA-32R-301 (SP), PA-32R-301T, PA-32-301 (MP), PA-32-301, PA-32-301T, PA-36-285, PA-36-300, PA-36-375, PA-46-301P, PA-46-350P</p> <p>415-C Erco, 415-CD Erco, 415-C Erco, 415-CD Erco, Erco 415-D, Erco 415-E, Erco 415-G, Foney, F-1, Foney F-1A, Alon A-2, Alon A2-A</p> <p>M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20N,</p>

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Electronic Noise Filters	LS10003-01	Modification Part	Test and Computations per 14 CFR § 21.303 Drawing No: LS10003-01, Rev: IR, Dated: 8/9/98, or later FAA approved revisions.	Mooney Mite Aircraft Corporation (Mooney Aircraft Company) Luscombe Aircraft Corporation (Luscombe) The Don Luscombe Aviation History Foundation, Inc. (Luscombe) Aermacchi, S.P.A. Air Tractor, Inc. American Champion Aircraft Corp. (Champion) American Champion Aircraft Corp.	M10, M18C, M-18C55, M-18L, M-18LA. 11A 8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F F260, F260B, F260C, F260D, F260E, F260F AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401B, AT-402A, AT-501, AT-502A, AT-503, AT-401A, AT-402, AT-402B, AT-502, AT-502B, AT-503A, AT-802A, AT-802, AT-602 7EC, 7ECA, 7GC, 7GCAA, 7HC, 7LC, S7EC, 7GCA, 7GCB, 7GCBC, 7JC, 7KCAB, 8KCAB, 8GCBC. 7EC, 7ECA, 7GC, 7GCAA, 7HC, 7LC, S7EC, 7GCA, 7GCB, 7GCBC, 7JC, 7KCAB, 8KCAB, 8GCBC

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Electronic Noise Filters	LS10003-01	Modification Part	Test and Computations per 14 CFR § 21.303 Drawing No: LS10003-01, Rev: IR, Dated: 8/9/98, or later FAA approved revisions.	Raytheon Aircraft Company Alexandria Aircraft, LLC (Bellanca) Univair Aircraft Corporation (Stinson) Tiger Aircraft, LLC (American General)	19A, B19, M19A, 23, A23L, A23A, A23-19, A23-24. B-23, C23, A24, A24R, B24R, C24R, T-34-C, T-34C-1, 34C, 35, A35, B35, C35, E35, F35, G35, 35R, D35, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC, 77, YT-34, (T-34A, B-45), (-34B), 45, A45, D45. 14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30A, 31A, 17-31ATC. 108, 108-1, 108-2, 108-3, 108-5 AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA-5A, AA-5B, AG-5B.
Avionics Blower Fans.	CRB6457-04 CRB122253-02	Modification Part	Test and Computations per 14 CFR § 21.303 Dwg. No: CRB6457-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	The Cessna Aircraft Company (Cessna)	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172RG, 172Q, 172R, 177, 177A, 177B, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, TR182, 182S, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B, 188C, A188A, A188B, T188C, 190, 195, 195A, 195B, 206, P206, 206A, P206B, P206C, P206D, P206E, U206, 206A, 206H, TP206E, TU206A, TU206B, TU206C, 206B, U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, TP206D,

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Avionics Blower Fans.	CRB6457-04 CRB122253-02	Modification Part	Test and Computations per 14 CFR § 21.303 Dwg. No: CRB6457-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	The Cessna Aircraft Company (Cessna) The New Piper Aircraft, Inc. (Piper) The New Piper Aircraft, Inc. Univair Aircraft Corporation (Mooney) Mooney Aircraft Corporation (Mooney)	TU206D, TU206E, TU206F, TU206G, 207, 207A, T207, T207A, 208, 208A, 208B, 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5(205), 210-5A(205A), 321(NAVY OE-2), 305A (USAF-O-1A) 305C (USAF-O-1E), 305D (USAF-O-1G), 305F, C-145, C-165 (Army HC-94). PA-18, PA-18S, PA-18 (105) PA-18S (105), PA-18A, PA-18 (125), PA-18S (125), PA-18AS-125, PA-18 (135), PA-8A (135), PA-18S (135), PA-18AS (135), PA-18 (150), PA-18A (150), PA-18S (150), PA-18AS (150), PA-19 (ARMY), PA-19S, PA-20, PA-20 (115), PA-0S (115), PA-20 (135), PA-20S (135), PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22-160, PA-22S-160, PA-24, PA-24-250, PA-24-400, PA-24-260, PA-25, PA-25-235, PA-25-260, PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PS-28R-200, PA-28-151. PA-28-161, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300-T, PA-32R-301 (SP), PA-32R-301T, PA-32-301 (MP), PA-32-301, PA-32-301T, PA-36-285, PA-36-300, PA-36-375, PA-46-310P, PA-46-350P. 415-C Erco, 415-CD Erco, Erco 415-D, Erco 415-E, Erco 415-G, Fomey F-1, F-1A, Alon A-2, Alon A2-A, M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20N,

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Avionics Blowers, Fans	CRB6457-04 CRB122253-02	Modification Part	Test and Computations per 14 CFR § 21.303 Dwg. No: CRB6457-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	Mooney Mite Aircraft Corporation (Mooney)	M18L, M-18LA, M10, M18C, M-18C55,
				Luscombe Aircraft Corporation (Luscombe)	11A
				The Don Luscombe Aviation History Foundation, Inc. (Luscombe)	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F
				Aermacchi, S.P.A.	F260, F260B, F260C, F260D, F260E, F260F,
				Air Tractor, Inc.	AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401B, AT-402A, AT-501, AT-502A, AT-503, AT-401A, AT-402, AT- 402B, AT-502, AT-502B, AT-503A, AT-802A, AT-802, AT-602,
				American Champion Aircraft Corp. (Champion)	7EC, 7ECA, 7GC, 7GCAA, 7HC, 7LC, S7EC, 7GCA, 7GCB, 7GCBC, 7JC, 7KCAB, 8KCAB, 8GCBC
				Raytheon Aircraft Company (Beech)	19A, B19, M19A, 23, A23L, A23A, A23-19, A23-24, B-23, C23, A24, A24R, B24R, C24R, T34-C, T-34C-1, 34C, 35, A35, B35, C35, E35, F35, G35, 35R, D35, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC, 77, YT-34, (T-34A B-45), (-34B), 45, A45, D45,

PMA No.	PQ0771SW	Supplement No. 1	Revision No.		
PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Avionics Blowers, Fans.	CRB6457-04 CRB122253-02	Modification Part	Test and Computations per 14 CFR § 21.303 Dwg. No: CRB6457-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	Alexandria Aircraft, LLC (Bellanca) Univair Aircraft Corporation (Stinson) Tiger Aircraft, LLC (American General)	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31,17-31TC, 17-30A, 31A, 17-31ATC, 108, 108-1, 108-2, 108-3, 108-5 AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA- 5A, AA-5B, AG-5B
Filter Capacitor	LS03-01004	Modification Part	Test and Computations per 14 CFR 21.303 Dwg. No: LS03-01004-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	The Cessna Aircraft Company (Cessna)	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 172N, 172P, 172RG, 172Q, 172R, 177, 177A, 177B, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K, 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, TR182, 182S, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F, 188, 188A, 188B, 188C, A188A, A188B, T188C, 190, 195, 195A, 195B, 206, P206, 206A, P206B, P206C, P206D, P206E, U206, 206A, 206H, TP206E, TU206A, TU206B, TU206C, 206B,U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, TP206D, TU206D, TU206E, TU206F, TU206G, 207, 207A, T207, T207A,
Filter Capacitor	LS03-01004	Modification Part	Test and Computations per 14 CFR 21.303 Dwg. No: LS03-01004-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	The Cessna Aircraft Company (Cessna)	208, 208A, 208B, 210, 210A, 210B, 210C, 210D, 210E, 210F, T210F, 210G, T210G, 210H, T210H, 210J, T210J, 210K, T210K, 210L, T210L, 210M, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5(205), 210-5A (205A), 321(NAVY OE-2), 305A(USAF-O-1A), 305C(USAF-O-1E), 305D(USAF-O-1G), 305F, C-145, C-165 (Army HC-94)

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
				The New Piper Aircraft, Inc.	PA-18, PA-18S, PA-18 (105), PA-18S (105), PA-18A, PA-18 (125), PA-18S (125), PA-18AS (125), PA-18(135), PA-8A (135), PA-18S (135), PA-18AS (135), PA-18 (150), PA-18A (150), PA-18S (150), PA-18AS (150), PA-19 (ARMY), PA-19S, PA-20, PA-20 (115), PA-0S(115), PA-20(135), PA-20S (135), PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22-160, PA-22S-160, PA-24, PA-24-250 PA-24-400, PA-24-260, PA-25, PA-25-235, PA-25-260, PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-161, PA-28-181, PA-28R-201,
				The New Piper Aircraft, Inc.	PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T, PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300-T, PA-32R-301 (SP), PA-32R-301T, PA-32-301 (MP), PA-32-301, PA-32-301T, PA-36-285, PA-36-300, PA-36-375, PA-46-310P, PA-46-350P.
				Univair Aircraft Corporation (Mooney Aircraft Company)	415-C Erco, 415-CD Erco, Erco 415-D, Erco 415-E, Erco 415-G, Foney F1, Forney F1A, Alon A-2, Alon A2-A
				Mooney Aircraft Corporation (Mooney Aircraft Company)	M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20N
Filter Capacitor	LS03-01004	Modification Part	Test and Computations per 14 CFR 21.303 Dwg. No: LS03-01004-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	Mooney Mite Aircraft Corporation (Mooney Aircraft Company)	M10, M18C, M-18C55, M18L, M-18LA.
				Luscombe Aircraft Corporation (Luscombe)	11A,

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PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
				The Don Luscombe Aviation History Foundation, Inc. (Luscombe)	8, 8A, 8B, 8C, 8D, 8E, 8F, T-8F.
				Aermacchi, S.P.A.	F260, F260B, F260C, F260D, F260E, F260F.
				Air Tractor, Inc.	AT-250, AT-300, AT-301, AT-302, AT-400, AT-400A, AT-401, AT-401B, AT-402A, AT-501, AT-502A, AT-503, AT-401A, AT-402, AT-402B, AT-502, AT-502B, AT-503A, AT-802A, AT-802, AT-602.
				American Champion Aircraft Corp. (Champion)	7EC, 7ECA, 7GC, 7GCAA, 7HC, 7LC, S7EC, 7GCA, 7GCB, 7GCBC, 7JC, 7KCAB, 8KCAB, 8GCBC.
				Raytheon Aircraft Company (Beech)	19A, B19, M19A, 23, A23L A23A, A23-19, A23-24, B23, C23, A24, A24R, B24R, C24R, T-34C, T-34C-1, 34C, 35, A35, B35, C35, E35, F35, G35, 35R, D35, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC, B36TC, 77, YT-34, (T-34A, B-45), (-34B), 45, A45, D45.
Filter Capacitor	LS03-01004	Modification Part	Test and Computations per 14 CFR 21.303 Dwg. No: LS03-01004-01, Rev: IR, Dated: 8/3/98, or later FAA approved revisions.	Alexandria Aircraft, LLC (Bellanca)	14-19, 14-19-2, 14-19-3, 14-19-3A, 17-30, 17-31, 17-31TC, 17-30a, 31A, 17-31ATC,
				Univair Aircraft Corporation (Stinson)	108, 108-1, 108-2, 108-3, 108-5.
				Tiger Aircraft, LLC (American General)	AA-1, AA-1A, AA-1B, AA-1C, AA-5, AA- 5A, AA-5B, AG-5B

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

OTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

Stephen N. Schmitt
Manager, Manufacturing Inspection District Office,
W MIDO-42

October 28, 2004
Date

This Supplement is an attachment to your FAA-PMA approval letter dated: October 28, 2004

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