

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.
621 South Royal Lane, Suite 100
Coppell, TX 75019

PMA No. PQ0060SW
Supplement No. 189
Revision No.
Project No. PM7919SC-E

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Washer	SL15709	Textron Lycoming P/N: LW-15709	Test and Computations per 14 CFR § 21.303, DWG No: SL15709, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	O-320-H2AD. LO-360-E1A6D. O-360-E1A6D.
Baffle Assembly	SL18106	Textron Lycoming P/N: LW-18106	Test and Computations per 14 CFR § 21.303, DWG No: SL18106, Revision A, Dated 07/07/04, or later FAA-approved revisions	Lycoming Engines	IO-540-B1A5, -B1C5, -E1A5, -E1B5, -M1A5. LTIO-F2BD, -J2B, -J2BD, -N2BD, -R2AD. TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, -S1AD. IO-720-B1B, -C1B, -B1BD.
Bushing, Prop Flange, Long	SL18815	Textron Lycoming P/N: LW-18815	Test and Computations per 14 CFR § 21.303, DWG No: SL18815, Revision N/C, Dated 03/06/03, or later FAA-approved revisions	Lycoming Engines	AEIO-320-D1B, -D2B, -E1A, -E1B. AIO-320-A1B, -B1B, -C1B. IO-320-B1A, -B1C, -B1D, -B2A, -C1A, -D1A, -D1B, -E1A, -E1B, -F1A. LIO-320-B1A, -C1A, -D1A. O-320-A1A, -A1B, -A3A, -A3B, -A3C, -B1A, -B1B, -B3A, -B3B, -B3C, -D1A, -D1C, -D1D, -D1F, -D2F, -D2G, -D2J, -E1A, -E1C, -E1F, -E1J, -E2D, -E2F, -E2G, -E2H, -H1CD, -H2AD.
Bushing, Prop Flange, Short	SL18816	Textron Lycoming P/N: LW-18816	Test and Computations per 14 CFR § 21.303, DWG No: SL18816, Revision N/C, Dated 03/06/03, or later FAA-approved revisions	Lycoming Engines	AEIO-320-D1B, -E1A, -E1B. AIO-320-A1B, -B1B, -C1B. IO-320-B1A, -B1C, -B1D, -C1A, -D1A, -D1B, -E1A, -E1B, -F1A. LIO-320-B1A, -C1A, -D1A. O-320-A1A, -A1B, -A3A, -A3B, -A3C, -B1A, -B1B, -B3A, -B3B, -B3C, -D1A, -D1C, -D1D, -D1F, -E1A, -E1C, -E1F, -E1J, -H1CD, -H2AD.

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Bushing, Prop Flange, Long	SL18817	Textron Lycoming P/N: LW-18817	Test and Computations per 14 CFR § 21.303, DWG No: SL18817, Revision N/C, Dated 03/06/03, or later FAA-approved revisions	Lycoming Engines	AEIO-320-D1B, -D2B, -E1A, -E1B. AIO-320-A1B, -B1B, -C1B. IO-320-B1A, -B1C, -B1D, -B2A, -C1A, -D1A, -D1B, -E1A, -E1B, -F1A. LIO-320-B1A, -C1A, -D1A. O-320-A1A, -A1B, -A3A, -A3B, -A3C, -B1A, -B1B, -B3A, -B3B, -B3C, -D1A, -D1C, -D1D, -D1F, -D2F, -D2J, -E1A, -E1C, -E1F, -E1J, -E2D, -E2F, -E2G, -E2F, -E2H, -H1CD, -H2AD.
Bushing, Prop Flange, Indexing	SL18818	Textron Lycoming P/N: LW-18818	Test and Computations per 14 CFR § 21.303, DWG No: SL18818, Revision A, Dated 05/18/04, or later FAA-approved revisions	Lycoming Engines	AEIO-360-B2F, -B4A. IO-360-B2F, -B4A. O-360-A3A, -A3AD, -A4A, -A4AD, -A4M.
Bushing, Prop Flange, Long	SL18819	Textron Lycoming P/N: LW-18819	Test and Computations per 14 CFR § 21.303, DWG No: SL18819, Revision A, Dated 05/18/04, or later FAA-approved revisions	Lycoming Engines	AEIO-360-B2F, -B4A. IO-360-B2F, -B4A. O-360-A3A, -A3AD, -A4A, -A4AD, -A4M.
Bushing, Prop Flange, Long	SL18921	Textron Lycoming P/N: LW-18921	Test and Computations per 14 CFR § 21.303, DWG No: SL18921, Revision N/C, Dated 03/06/03, or later FAA-approved revisions	Lycoming Engines	AEIO-320-E2A, -E2B. IO-320-E2A, -E2B. O-320-A2A, -A2B, -A2C, -A2D, -B2A, -B2B, -B2C, -D2A, -D2B, -D2C, -D3G, -E2A, -E2B, -E2C, -E3D, -E3H.
Bushing, Prop Flange, Long	SL18922	Textron Lycoming P/N: LW-18922	Test and Computations per 14 CFR § 21.303, DWG No: SL18922, Revision N/C, Dated 03/06/03, or later FAA-approved revisions	Lycoming Engines	AEIO-320-E2A, -E2B. IO-320-E2A, -E2B. O-320-A2A, -A2B, -A2C, -A2D, -B2A, -B2B, -B2C, -D2A, -D2B, -D2C, -D3G, -E2A, -E2B, -E2C, -E3D, -E3H.

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Shroud Tube	SL72257	Textron Lycoming P/N: 72257, 75776	Test and Computations per 14 CFR § 21.303, DWG No: SL72257, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	IGO-540-B1A, -B1C. IGSO-540-B1A, -B1C. IO-540-AA1A5, -B1A5, -B1C5, -E1A5, -E1B5, -M1A5, -M1B5D. LTIO-540-F2BD, -J2B, -J2BD, -N2BD, -R2AD. TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, -S1AD. IO-720-B1B, -B1BD, -C1B.
Baffle Assembly, Intercylinder	SL72569	Textron Lycoming P/N: 72569	Test and Computations per 14 CFR § 21.303, DWG No: SL72569, Revision A, Dated 08/10/04, or later FAA-approved revisions	Lycoming Engines	AIO-320-B1B, -C1B. IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B. O-320-A2B, -A2C, -A2D, -A3B, -A3A, -B2B, -B2C, -B3B, -B3C, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD. LIO-320-B1A, -C1A.
Cover, Baffle, Ignition Hole	SL72834	Textron Lycoming P/N: 72834	Test and Computations per 14 CFR § 21.303, DWG No: SL72834, Revision A, Dated 07/07/04, or later FAA-approved revisions	Lycoming Engines	AEIO-360-A1E. AIO-360-A1A, -A1B, -B1B. HIO-360-A1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD. IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6, -A3B6D, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D. LIO-360-C1E6. TIO-360-A1B. TVO-435-F1A. VO-435-B1A. AEIO-540-L1B5, -L1B5D. IGO-540-A1A, -A1C, -B1A, -B1C. IGSO-540-A1D, -A1E, -B1C.
Baffle Assembly, Intercylinder	SL75337	Textron Lycoming P/N: 75337	Test and Computations per 14 CFR § 21.303, DWG No: SL75337, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	AEIO-360-A1E. AIO-360-A1A, -A1B, -B1B. IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6, -A3B6D, -J1A6D.

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Baffle Assembly, Intercylinder	SL75338	Textron Lycoming P/N: 74718, 71578, 73708, 75338	Test and Computations per 14 CFR § 21.303, DWG No: SL75338, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	AEIO-360-A1E. AIO-360-A1A, -A1B, -B1B. HIO-360-A1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD. IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6, -A3B6D, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D. LIO-360-C1E6. TIO-360-A1B. AEIO-540-L1B5, -L1B5D. IGO-540-A1A, -A1C. IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H. IO-540-AA1A5, -A1A5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1E5, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1J5, -K1J5D, -K1K5, -L1C5, -S1A5. TIO-540-AE2A, -AH1A. IO-720-A1B, -D1B, -D1C.

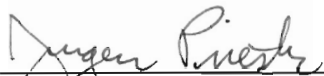
Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Link, Adjusting, Alternator	SL75380	Textron Lycoming P/N: 75380 73276	Test and Computations per 14 CFR § 21.303, DWG No: SL75380, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C1C, -C2A, -C2C, -F2A, -F2B, -H2C, -J2A, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -N2A. O-290-D, -D2, -D2B, -D2C. AIO-320-B1B, -C1B. IO-320-B1A, -B1C, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B. O-320-A2B, -A2C, -A2D, -A3B, -B2B, -B3B, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -E1A, -E1F, -E2A, -E2C, -E2D, -E2F, -E2G, -E3D, -E3H. AEIO-360-A1E, -B1G6, -H1A. AIO-360-A1A, -A1B, -B1B. HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD. HO-360-C1A. IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6, -A3B6D, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1B, -C1C, -C1D6, -C1E6, -C1F, -J1A6D, -M1A. LIO-360-C1E6. LO-360-A1G6D. O-360-A1P, -B2C, -C1A, -C1E, -C1F, -C1G, -C2A, -C2C, -C2E, -C4F, -C4P, -D2A, -J2A. TIO-360-A1B, -C1A6D. TO-360-C1A6D. AEIO-540-D4A5, -D4B5, -L1B5, -L1B5D. IO-540-C4D5, -C4D5D, -D4A5, -G1D5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1F5, -K1F5D, -K1G5, -K1J5D, -K1K5, -M1B5D, -T4A5D, -T4B5, -T4B5D, -V4A5D, -W1A5, -W1A5D. LTIO-540-V2AD. O-540-A1D, -A1D5, -A2B, -A3D5, -B1A5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5, -J3A5D. TIO-540-AA1AD, -AB1AD, -E1A, -H1A, -J2BD, -R2AD, -V2AD, -W2A. IO-720-A1A, -A1B, -B1B, -C1B, -D1C.

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Support Assembly	SL76628	Textron Lycoming P/N: LW-16843, 76436	Test and Computations per 14 CFR § 21.303, DWG No: SL77579, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	AIO-320-B1B, -C1B. IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E2A. O-320-A2B, -A2C, -A2D, -A3B, -B2B, -B2C, -B3B, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD.
Cover, Fuel Pump	SL03D23350	Textron Lycoming P/N: 65098	Test and Computations per 14 CFR § 21.303, DWG No: SL03D23350, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C2A, -M1. O-290-D, -D2, -D2C. IO-320-B1A, -B1C, -D1A, -E2A. LIO-320-B1A. O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D2A, -D2B, -D2C, -E1A, -E2A, -E2B, -E2C, -E2D, -E2H, -E3D. O-340-A1A, -A1B, -A2A, -B1A, -B2A. HO-360-C1A. O-360-A1A, -A1D, -A1P, -A2A, -A2D, -A4A, -A4P, -C1E, -C1G, -C2A, -C2C, -C2E, -C4F, -C4P, -D2A, -D2B, -J2A. O-540-B2B5, -B2C5, -F1B5, -G1A5. TIO-541-A1A.

Part Name	Part Number	Approved Replacement for Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bracket	SL07A19474	Textron Lycoming P/N: LW-13039, 76533	Test and Computations per 14 CFR § 21.303, DWG No: SL07A19474, Revision A, Dated 08/09/04, or later FAA-approved revisions	Lycoming Engines	O-235-M1. AIO-320-B1B, -C1B. IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B. LIO-320-B1A, -C1A. O-320-A2B, -A2C, -A2D, -A3A, -A3B, -B2B, -B2C, -B3B, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E3D, -E3H. AEIO-360-A1E, -B1G6, -H1A. AIO-360-A1A, -A1B, -B1B. HIO-360-A1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD. IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1P, -A2A, -A2B, -A3B6, -A3B6D, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1B, -C1C, -C1D6, -C1E6, -C1F, -J1A6D, -M1A. LIO-360-C1E6. LO-360-A1G6D. O-360-B2C, -C1A, -C1E, -C1F, -C1G, -C2A, -C2C, -C2E, -D2A, -J2A. TIO-360-A1B, -C1A6D. AEIO-540-D4A5, -D4B5, -L1B5, -L1B5D. IO-540-C4B5, -C4D5D, -D4A5, -G1D5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1F5, -K1F5D, -K1G5, -K1J5D, -K1K5, -M1B5D, -T4A5D, -T4B5, -T4B5D, -V4A5D, -W1A5, -W1A5D. LTIO-540-V2AD. O-540-A1D, -A1D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5, -J3A5D. TIO-540-AA1AD, -AB1AD, -E1A, -H1A, -J2BD, -R2AD, -V2AD, -W2A. IO-720-A1A, -A1B, -B1B, -C1B, -D1B, -D1C.

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


NOTE: Provide minor design changes in a manner determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA. If TC holder's ICA applies to these replacement parts, provide a statement noting such. If not, provide supplementary ICA per 14 CFR § 21.50.



S. Frances Cox
Manager, Special Certification Office,
ASW-190

1-19-2006

Date



Vaughn N. Schmitt
Manager, Manufacturing Inspection District Office,
SW-MIDO-42

1-19-2006

Date

This Supplement is an attachment to your FAA-PMA approval letter dated: August 20, 2002