



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

Southwest Region  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

Manufacturing Inspection District Office  
2601 Meacham Blvd., SW MIDO-42  
Fort Worth, Texas 76137

April 15, 2011

Superior Air Parts, Inc.  
621 S. Royal Lane, Suite 100  
Coppell, Texas 75019

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on Test and Computations submitted by Superior Air Parts, Inc., with your letters dated March 21, 2011 (FAAL-1421 through FAAL-1431) and March 22, 2011 (FAAL-1432 through FAAL-1435) meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that Superior Air Parts, Inc., has established the fabrication inspection system required by § 21.303(h) at 621 S. Royal Lane, Suite 100, Coppell, Texas 75019. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 87, revisions 2 through 16. Supplement No. 87, revisions 2 through 16, dated April 15, 2011, updates Supplement No. 87, revision 1, dated July 7, 1995. The purpose of these revisions is to include over-sized and under-sized parts, not previously listed on Supplement No. 87, revision 1. Supplement 87, revision 1, remains in effect.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated March 30, 2006, also apply to the enclosed PMA Listing-Supplement No. 87, revisions 2 through 16. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

A handwritten signature in blue ink that reads "Carlton N. Cochran".

Carlton N. Cochran  
Manager, Fort Worth Manufacturing Inspection District Office  
SW MIDO-42

Enclosure  
PMA Supplement No. 87, revisions 2 through 16



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11	38-11	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11	38-11	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11-P03	38-11 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Stud 3/8 Dia. Fine Thread	SL38-11- P03	38-11 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11- P07	38-11 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Stud 3/8 Dia. Fine Thread	SL38-11- P07	38-11 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11- P12	38-11 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-11- P12	38-11 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
 Coppell, TX 75019-3805

PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12	38-12	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12	38-12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AE10-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P03	38-12 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P03	38-12 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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PMA NO. PQ0060SW  
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REVISION 2  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P07	38-12 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P07	38-12 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P12	38-12 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-12- P12	38-12 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13	38-13	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13	38-13	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P03	38-13 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P03	38-13 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P07	38-13 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C A1O-320-B1B, -C1B 1O-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B L1O-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AE1O-360-A1E, -B1G6, -H1A A1O-360-A1A, -A1B, -B1B H1O-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD 1O-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, L1O-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 T1O-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P07	38-13 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P12	38-13 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-13- P12	38-13 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
 Coppell, TX 75019-3805

PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14	38-14	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14	38-14	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P03	38-14 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P03	38-14 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P07	38-14 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P07	38-14 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P12	38-14 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-14- P12	38-14 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
 Coppell, TX 75019-3805

PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15	38-15	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15	38-15	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P03	38-15 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P03	38-15 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P07	38-15 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P07	38-15 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P12	38-15 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-15- P12	38-15 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16	38-16	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16	38-16	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16-P03	38-16 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16- P03	38-16 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16- P07	38-16 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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PMA NO. PQ0060SW  
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 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16- P07	38-16 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16- P12	38-16 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-16- P12	38-16 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17	38-17	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17	38-17	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P03	38-17 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P03	38-17 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P07	38-17 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P07	38-17 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P12	38-17 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-17- P12	38-17 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18	38-18	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18	38-18	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P03	38-18 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P03	38-18 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P07	38-18 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P07	38-18 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P12	38-18 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-18- P12	38-18 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19	38-19	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19	38-19	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19- P03	38-19 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19- P03	38-19 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19- P07	38-19 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19- P07	38-19 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AE10-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19-P12	38-19 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38, Rev: D Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-19-P12	38-19 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20	38-20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20	38-20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AE10-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20-P03	38-20 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20- P03	38-20 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20- P07	38-20 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20- P07	38-20 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL38,</u> <u>Rev: D</u> <u>Date: 11/12/2007 or later</u> FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20- P12	38-20 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C A1O-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A A1O-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-20- P12	38-20 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21	38-21	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
 621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
 SUPPLEMENT NO. 87  
 REVISION 2  
 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21	38-21	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P03	38-21 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P03	38-21 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P07	38-21 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P07	38-21 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P12	38-21 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-21- P12	38-21 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22	38-22	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C A1O-320-B1B, -C1B 1O-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B L1O-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AE1O-360-A1E, -B1G6, -H1A A1O-360-A1A, -A1B, -B1B H1O-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD 1O-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, L1O-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 T1O-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22	38-22	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P03	38-22 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P03	38-22 P03	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P07	38-22 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A

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PMA NO. PQ0060SW  
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REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P07	38-22 P07	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO. PQ0060SW  
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P12	38-22 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	O-235-F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -N2A, -N2C, -P2A O-290-D, -D2, -D2B, -D2C AIO-320-B1B, -C1B IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B LIO-320-B1A, -C1A O-320- A2B, -A2C, -A2D, - A3B, -B2A, -B2B,-B2C, -B3A, -B3B, -B3C, -D1A, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H2AD O-340-A1A, -A2A, -B1A AEIO-360-A1E, -B1G6, -H1A AIO-360-A1A, -A1B, -B1B HIO-360-A1A, -B1A, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C,-A1D, -A1D6,-A2A, -A2B, -A3B6D, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -J1A6D, LIO-360-C1E6 HO-360-B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -C1A, -C1C,-C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E,-D2A, -D2B, -E1A6D, -F1A6 TIO-360-A1B, -C1A6D LTO-360-E1A6D TO-360-C1A6D, -E1A6D VO-360-A1A, -A1B, -B1A IVO-360-A1A



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 DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P12	38-22 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions	Lycoming Engines	GO-435-C2, -C2A, -C2A2, -C2B, -C2B1, -C2B2, -C2E O-435-A, -A2 GO-480-C1D6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TVO-435-A1A, -B1A VO-435-A1B, -A1C, -A1D, -A1E, -A1F AEIO-540-D4A5, -L1B5D IO-540-A1A5, -B1A5, -B1C5, -C1B5, -C4B5, -C4C5, -C4D5D, -D4A5, -E1A5, -E1B5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1C5, -K1D5, -K1E5, -K1K5, -L1C5, -M1A5, -N1A5, -P1A5, -R1A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D, -W3A5D IGO-540-A1A, -A1C, -B1A, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C LTIO-540-U2A, -V2AD TIO-540-AA1AD, -AB1AD, -U2A, -V2AD O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5D, -J3C5D, -L3C5D TIVO-540-A2A VO-540-A1A, -A2A, -B1A, -B1B3, -B1C, -B1D, -B1E, -B2A, -B2C, -B2D, -B2E, -C1A, -C1B, -C1C3, -C2A, -C2B

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

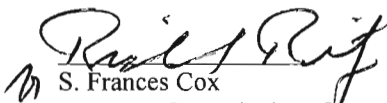
SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

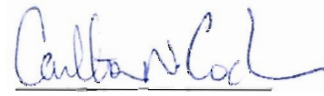
PMA NO. PQ0060SW  
SUPPLEMENT NO. 87  
REVISION 2  
DATE April 15, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Stud 3/8 Dia. Fine Thread	SL38-22- P12	38-22 P12	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL38, <u>Rev:</u> D <u>Date:</u> 11/12/2007 or later FAA-approved revisions -----End of Listing-----	Lycoming Engines	TIGO-541-E1A TIO-541-A1A IO-720-A1A, -A1B, -B1B, -B1BD, -C1B, -D1B, -D1C

NOTE:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.
- 3) Supplement 87, revision 2, dated April 15, 2011, updates Supplement 87, revision 1, dated July 12, 1995. The purpose of the revision is to include over-sized parts, not previously listed on Supplement 87, revision 1. Supplement 87, revision 1 remains in effect.

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

  
Carlton N. Cochran  
Manager, Fort Worth Manufacturing Inspection District Office  
SW MIDO-42