



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

January 28, 2011

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

FEDERAL AVIATION ADMINISTRATION (FAA) - PARTS MANUFACTURER
APPROVAL (PMA)

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 Computation, submitted by Superior Air Parts, Inc., with your letter, dated January 21, 2011, meets 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, PMA is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 1, revision 5 dated January 28, 2011. All previously issued revisions remain 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. 1, revision 5. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

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

Enclosure
PMA Supplement No. 1, revision 5 dated January 28, 2011.



U.S. Department
of Transportation

**Federal Aviation
Administration**

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C

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621 S. Royal Lane, Suite # 100
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PMA NO. PQ0060SW
SUPPLEMENT NO. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857 P10	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857 P10	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C

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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P05W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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
Ring-Piston Oil Regulating Expander Type	SL73857P05W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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SUPPLEMENT NO. 1
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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PMA NO. PQ0060SW
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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P15W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857PI5W	Lycoming Engines Part Number 73857	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 05W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 05W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20P 05W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20P 05W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 10W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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PMA NO. PQ0060SW
SUPPLEMENT NO. 1
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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 10W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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
Ring-Piston Oil Regulating Expander Type	SL73857P20P 10W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20P 10W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -GIAD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 15W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P10P 15W	Lycoming Engines Part Number 73857 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20P 15W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	O-290-D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B3A, -B3B, -C3A, -D1A, -D1AD, -D1B, -D1C, -D1D, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2H, -E3D, -E3H, -H1AD AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B AIO-320-A2A, -A2B, -B1B, -C1B IO-320-A2A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -C1F, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A LIO-320-B1A O-340-A1A, -A1B, -B2A HO-360-A1A, -B1A, -B1B LO-360-A1G6D, -E1A6D O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -E1A6D, -F1A6, -G1A6 AEIO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B6, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A AIO-360-A1A, -A1B, -A2A, -A2B, -B1B HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -A3D6D, -B1A, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -E1A, -F1A, -J1AD, -J1A6D, K2A LIO-360-C1E, -C1E6, -C1E6D LTO-360-A1A6D TO-360-A1A6D, -C1A6D, -E1A6D, -F1A6D TIO-360-A1A, -A1B, -A3B6, -C1A6D IVO-360-A1A VO-360-A1A, -A1B, -B1A O-435-25

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL73857P20P 15W	Lycoming Engines Part Number 73857 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL73857, <u>Rev:</u> None <u>Date:</u> 12/27/70 or later FAA-approved revisions	Lycoming Engines	GO-480-B, -B1, -B1A6, -B1E6, -B1B, -B1C, -C1B6, -C2, -C2C6, -C2D6, -C2E6, -D1A, -D1B, -F1A6, -F2A6, -F2D6, -F6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1E6, -G1F6, -G1G6, -G1H6, -G1J6, -G3D6, -G2F6 IGO-480-A1A6, -A1B6 GSO-480-A1A, -A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B1J6, -B2C6, -B2D6, -B2G6 IGSO-480-A1A6, -A1B6, -A1C6, -A1D6, -A1E6, -A1F3, -A1F6 O-480-, -1A, 3 O-540-9, -9A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5D, -B4A5, -B4B5, -B4B5D, -D1A, -D1A5, -E1A, -E4A5, -F1A5, -F1B5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D AEIO-540-D4A5, -D4B5, -D4C5, -L1B5, -L1B5D HIO-540-A1A IO-540-AA1A5, -A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5D, -C4C5D, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -K1D5, -K1E5, -K1E5D, -K1F5, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K2A5, -L1A5, -L1A5D, -L1B5, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5, -M1B5D, -M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -W1A5D, -W3A5D VO-540-A1A, -A2A, -B1A, -B1B, -B1B3, -B1C, -B1D, -B1E, -B1F, -B1G, -B1H3, -B2A, -B2C, -B2D, -B2E, -B2G, -C1A, -C1B, -C1C3, -C2A, -C2B, -C2C TIVO-540-A2A TVO-540-A1A IGO-540-A1A, -A1B, -A1C, -B1A, -B1B, -B1C IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIO-540-AA1AD, -AB1AD, -AE2A, -AF1A, -A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -C1AD, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -G1AD TIO-541-A1A, -E1A4, -E1B4, -E1C4 IO-720-A1A, -A1B, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Bushing, Rocker Shaft	SA625065-1	Teledyne Continental Part Number 625065-1	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470
Bushing, Rocker Shaft	SA625065-2	Teledyne Continental Part Number 625065-2	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470
Bushing, Rocker Shaft	SA625065-1 P05	Teledyne Continental Part Number 625065-1	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470
Bushing, Rocker Shaft	SA625065-2 P05	Teledyne Continental Part Number 625065-2	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470
Bushing, Rocker Shaft	SA625065-1 P15	Teledyne Continental Part Number 625065-1	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470
Bushing, Rocker Shaft	SA625065-2 P15	Teledyne Continental Part Number 625065-2	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SA625065, <u>Rev:</u> B <u>Date:</u> 01/30/06 or later FAA-approved revisions	Continental	IO-470 O-470 TSIO-470

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. 1
REVISION 5
DATE January 28, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Guide-Valve	SL60028	60028	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320
Guide-Valve	SL60028 P03	60028 P03	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320
Guide-Valve	SL60028 P05	60028 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320
Guide-Valve	SL60028 P10	60028 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320
Guide-Valve	SL60028 P20	60028 P02	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320
Guide-Valve	SL60028 P30	60028 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL60028, <u>Rev:</u> AG <u>Date:</u> 11/28/1969 or later FAA-approved revisions	Lycoming Engines	O-290 O-320 IO-320

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Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL72454	72454	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P10	72454 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P20	72454 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P05W	72454	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P10W	72454	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P15W	72454	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P10P 05W	72454 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C

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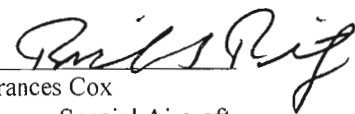
PMA NO. PQ0060SW
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DATE January 28, 2011

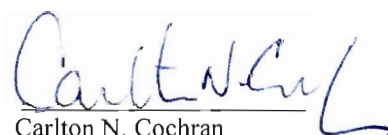
Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Ring-Piston Oil Regulating Expander Type	SL72454P20P 05W	72454 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P10P 10W	72454 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P20P 10W	72454 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P10P 15W	72454 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C
Ring-Piston Oil Regulating Expander Type	SL72454P20P 15W	72454 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72454, <u>Rev:</u> F <u>Date:</u> 03/23/1971 or later FAA-approved revisions	Lycoming Engines	O-340-A O-360-A, -C

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

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. Revision number 5 dated January 28, 2011 updates supplement number 1, revision 1 dated 8/30/1993. The purpose of the revision is to include over-sized and undersized parts not previously listed on supplement number 1, revision 1. Supplement 1 revision 1 dated 8/30/1993 remains in effect.


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


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