



U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Manufacturing Inspection District Office
10101 Hillwood Parkway, SW MIDO-42
Fort Worth, Texas 76177-1524

May 16, 2017

Bill Huang
Engineer
Superior Air Parts, Inc.
621 S. Royal Lane, Suite 100
Coppell, TX 75019-3877

FEDERAL AVIATION ADMINISTRATION (FAA)-PARTS MANUFACTURER APPROVAL

Dear Mr. Huang:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR) part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on Test and Computations and submitted by Superior Air Parts, Inc., with your letter dated March 21, 2017, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Superior Air Parts, Inc., has established the quality system required by § 21.307 at 621 S. Royal Lane, Suite 100, Coppell, TX 75019-3877. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 202.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval, dated July 9, 2012, also apply to the enclosed PMA Listing-Supplement No. 202. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

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

Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection
District Office

Enclosure
PMA Listing-Supplement No. 202



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL (PMA)

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

PMA NO. PQ0060SW
SUPPLEMENT NO. 202
DATE: May 16, 2017

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cylinder Stud Assy.	SL36006W-A1	P/N 75874. P/N LW-12427. P/N 78597. P/N LW-12768	Test and Computations per 14 CFR §21.303. <u>DWG No:</u> SL36006PA. <u>Rev:</u> A. <u>Date:</u> 03/26/1999. or later FAA approved revisions.	Lycoming Engines	O-360-A1A. -A1AD. -A1C, -A1D, -A1F, -A1F6. -A1F6D. -A1G, -A1G6, -A1G6D. -A1H, -A1H6, -A1J, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4JD, -A4K, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -F1A6, -G1A6 HO-360-B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1BD, -B1C, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6 HIO-360-B1A, -B1B, -G1A LIO-360-M1A AEIO-360-B1B, -B1D, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B O-540-A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -G1A5, -G2A5, -H1A5, -H1A5D, -H1B5D, -H2A5, -H2A5D, -H2B5D, -J1B5D, -J1C5D, -J1D5D IO-540-C1B5, -C1C5, -C2C, -C4A5, -C4B5, -C4B5D, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -N1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -V4A5, -V4A5D, -W1A5, -AA1A5, -AA1B5, -AF1A5 AEIO-540-D4A5, -D4B5, -D4C5

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. 202
DATE: May 16, 2017

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cylinder Stud and Valve Assy.	SL36006W-A2	P/N 75874. P/N LW-12427. P/N 78597. P/N LW-12768	Test and Computations per 14 CFR §21.303. <u>DWG No:</u> SL36006PA. <u>Rev:</u> A. <u>Date:</u> 03/26/1999. or later FAA approved revisions.	Lycoming Engines	O-360-A1A. -A1AD. -A1C. -A1D, -A1F. -A1F6. -A1F6D. -A1G. -A1G6, -A1G6D. -A1H. -A1H6. -A1J. -A1LD, -A1P. -A2A. -A2D. -A2E. -A2F. -A2G, -A2H. -A3A. -A3AD. -A3D. -A4A, -A4AD. -A4D. -A4G. -A4J. -A4JD, -A4K. -A4M. -A4N. -A4P. -A5AD, -B1A. -B1B. -B2A. -B2B. -B2C. -C1A. -C1C. -C1E. -C1F. -C1G. -C2A. -C2B. -C2C. -C2D. -C2E. -C4F. -C4P. -D1A. -D2A. -F1A6. -G1A6 HO-360-B1A. -B1B. -C1A IO-360-B1A. -B1B. -B1BD. -B1C. -B1D. -B1E. -B1F. -B1F6. -B2E. -B2F. -B2F6. -B4A. -E1A. -F1A. -L2A, -M1A. -M1B LO-360-A1G6D. -A1H6 HIO-360-B1A. -B1B. -G1A LIO-360-M1A AEIO-360-B1B. -B1D. -B1F. -B1F6, -B1G6. -B1H. -B2F. -B2F6. -B4A, -H1A. -H1B O-540-A4D5. -B1A5. -B1B5. -B1D5, -B2A5. -B2B5. -B2C5. -B4A5. -B4B5, -D1A5. -E4A5. -E4B5. -E4C5. -F1A5. -G1A5. -G2A5. -H1A5. -H1A5D, -H1B5D. -H2A5. -H2A5D. -H2B5D, -J1B5D. -J1C5D. -J1D5D IO-540-C1B5. -C1C5. -C2C. -C4A5, -C4B5. -C4B5D. -C4C5. -C4D5D, -D4A5. -D4B5. -D4C5. -N1A5. -T4A5D. -T4B5. -T4B5D. -T4C5D. -V4A5. -V4A5D. -W1A5. -AA1A5, -AA1B5. -AF1A5 AEIO-540-D4A5. -D4B5. -D4C5

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. 202
DATE: May 16, 2017

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cylinder Complete Assy.	SL36006W-A20P	P/N 05K21104	Test and Computations per 14 CFR §21.303. <u>DWG No:</u> SL36006PA. <u>Rev:</u> A. <u>Date:</u> 03/26/1999. or later FAA approved revisions.	Lycoming Engines	O-360-A1A. -A1AD. -A1C. -A1D, -A1F. -A1F6. -A1F6D. -A1G. -A1G6. -A1G6D. -A1H. -A1H6. -A1J. -A1LD. -A1P. -A2A. -A2D. -A2E. -A2F. -A2G. -A2H. -A3A. -A3AD. -A3D. -A4A. -A4AD. -A4D. -A4G. -A4J. -A4JD. -A4K. -A4M. -A4N. -A4P. -A5AD. -C1A. -C1C. -C1E. -C1F. -C1G. -C2A. -C2B. -C2C. -C2D. -C2E. -C4F. -C4P. -F1A6. -G1A6 HO-360-B1A. -B1B, -C1A IO-360-B1A, -B1B, -B1BD, -B1C, -B1D. -B1E, -B1F. -B1F6, -B2E, -B2F, -B2F6. -B4A. -E1A. -F1A, -L2A, -M1A. -M1B LO-360-A1G6D, -A1H6 HIO-360-B1A. -B1B, -G1A LIO-360-M1A AEIO-360-B1B. -B1D. -B1F. -B1F6, -B1G6. -B1H. -B2F. -B2F6, -B4A. -H1A. -H1B O-540-A4D5. -E4A5. -E4B5, -E4C5. -F1A5. -G1A5. -G2A5. -H1A5. -H1A5D. -H1B5D. -H2A5. -H2A5D. -H2B5D. -J1B5D. -J1C5D, -J1D5D IO-540-C1B5. -C1C5. -C2C, -C4A5, -C4B5. -C4B5D. -C4C5, -C4D5, -C4D5D. -D4A5, -D4B5, -D4C5, -N1A5. [-T4A5D. -T4B5, -T4B5D, -T4C5D, -V4A5, -V4A5D, -W1A5, -AA1A5. -AA1B5, -AF1A5 AEIO-540-D4A5. -D4B5, -D4C5
Cylinder Complete Assy.	SL36006W-A21P	P/N 05K21192	Test and Computations per 14 CFR §21.303. <u>DWG No:</u> SL36006PA. <u>Rev:</u> A. <u>Date:</u> 03/26/1999. or later FAA approved revisions.	Lycoming Engines	O-360-B1A. -B1B. -B2A. -B2B, -B2C, -D1A. -D2A O-540-B1A5. -B1B5, -B1D5, -B2A5. -B2B5. -B2C5. -B4A5. -B4B5

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. 202
DATE: May 16, 2017

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
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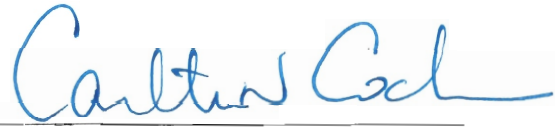
GENERAL NOTES:

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

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



for Jim Grigg
Manager, Fort Worth Aircraft Certification Office
Aircraft Certification Service



Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection
District Office