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 3, 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 August 14, 2007, 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. 194.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval, dated August 20, 2002, also apply to the enclosed PMA Listing-Supplement No. 194. 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. 194.

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

PMA NO. PQ0060SW
SUPPLEMENT NO. 194
DATE January 3, 2011

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility	Model Eligibility
Gear, Magneto, Non-impulse	SL68C19622	73683 72495 61163 68C19622	Test and Computations per 14 CFR § 21.303 DWG No: SL68C19622 Rev: B Date: 06/21/2005 or later FAA-approved revisions.	Lycoming Engines	O-235-C1, -C1B,-C1C, -C2A, -C2B,-C2C, -E1,-E1B,-E2A, -E2B,-F1, -F1B,-F2A,-F2B,-G1, -G1B,-G2A,-G2B, -H2C, -J2A, -J2B,-K2A,-K2B,-K2C,-L2A, -L2C,-M1, -M2C,-M3C, -N2A, -P1,-P2A,-P2C,-P3C O-290 -D, -D2, -D2A, -D2B, -D2C O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B2E -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H IO-320 -A1A, -A2A, -B1B, -B1C, -B1E, , -B2A, -D1A, -D1C, -D1B, -E1A, -E1B, -E2A, -E2B AIO-320 -A1A, -A1B, -A2A, -A2B -B1B, -B1C, -B1E, -B2A, -D1A, -C1B, AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, A1B -A2B, -B1A, -B2A

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Gear, Magneto, Non-impulse	SL68C19622	73683 72495 61163 68C19622	Test and Computations per 14 CFR § 21.303 DWG No: SL68C19622 Rev: B Date: 06/21/2005 or later FAA-approved revisions.	Lycoming Engines	O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, , -A1G, -A1G6, -A1H, -A1H6, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3D, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -B1A, -B1B, -B2A, -B2B,-B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4P, -C4F,-D1A, -D2A, -D2B, -F1A6, -G1A6, -J2A IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A2A, -A2B, -A2C, -A3B6, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, , -B1G6 -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -C1G6, -D1A, -E1A, -F1A, -K1A,-L2A, -M1A, -M1B AIO-360-A1A, -A1B, -A2A, -B1B AEIO-360-A1A, -A1B, -A1B6, -A1E6, -A1C, -A1D, -A1E, -A2A, -A2B, -A2C, -B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B1H, -B4A, -H1A,-H1B HO-360-A1A, -B1A, -B1B,-C1A HIO-360-A1A,-A1B, -B1A, -B1B, -C1A, -C1B, -D1A, -G1A LO-360-A1H6 LIO-360-C1E6 LHIO-360-C1A, -C1B TIO-360-A1A, -A1B, -A3B6

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Gear, Magneto, Non-impulse	SL68C19622	73683 72495 61163 68C19622	Test and Computations per 14 CFR § 21.303 DWG No: SL68C19622 Rev: B Date: 06/21/2005 or later FAA-approved revisions.	Lycoming Engines	IVO-360-A1A VO-360-A1B, -B1A

----------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.

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

12/30/10

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