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, TX 76137

MAR 24 2015

Mr. Bill Huang
Engineer
Superior Air Parts, Inc.
621 S. Royal Lane, Suite 100
Coppell, Texas 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 (FAAL-1661) dated January 18, 2015, 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, Texas 75019-3877. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 140, revision 1. All previous supplements issued remain in effect.

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. 140, revision 1. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Elizabeth C. Campbell
Acting Manager, Fort Worth Manufacturing Inspection
District Office

Enclosure
PMA Listing-Supplement No. 140, revision 1.

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. 140
REVISION NO. 1
DATE MAR 24 2015

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|---|---|---|---|---|---|
| Valve Cover | SL61247 | P/N 61247, P/N 60488 | Test and Computations per 14 CFR §21.303. DWG No: SL61247. Rev: H, Date: 3/18/05, or later FAA approved revisions. | Lycoming Engines | O-235-C1, -C1A, -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, -N2C, -P1, -P2A, -P2C, -P3C<br><br>O-290-11, -D, -D2, -D2A, -D2B, -D2C<br><br>O-320, -A1A, -A1B, -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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H<br><br>IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A<br><br>AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B<br><br>LIO-320-B1A, -C1A<br><br>AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B<br><br>O-340-A1A, -A2A, -B1A |

# 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. 140
REVISION NO. 1
DATE MAR 24 2015

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|---|---|---|---|---|---|
| Valve Cover | SL61247 | P/N 61247, P/N 60488 | Test and Computations per 14 CFR §21.303. DWG No: SL61247. Rev: H. Date: 3/18/05, or later FAA approved revisions. | Lycoming Engines | O-360-A1A, -A1AD, -A1C, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -A5AD, -B1A, -B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B, -F1A6, -G1A6, -J2A<br><br>HO-360-A1A, -B1A, -B1B, -C1A<br><br>IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A-E1A, -F1A, -L2A, -M1A, -M1B<br><br>LO-360-A1G6D, -A1H6<br><br>TO-360-A1A6D<br><br>HIO-360-B1A, -B1B,<br><br>IVO-360-A1A<br><br>LIO-360-M1A<br><br>LTO-360-A1A6D<br><br>AEIO-360-B1B, -B1D, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B<br><br>O-435-A, -A2<br><br>O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -A4E5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5, -H1A5, -H1A5D, -H1B5D, -H2A5, -H2A5D, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J1D5D, -J2A5D, -J2B5D, -J2C5D, -J2D5D, -J3A5, -J3A5D, -J3C5D, -L3C5D |

# 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. 140
REVISION NO. 1
DATE MAR 24 2015

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|---|---|---|---|---|---|
| Valve Cover | SL61247 | P/N 61247, P/N 60488 | Test and Computations per 14 CFR §21.303, DWG No: SL61247, Rev: H, Date: 3/18/05, or later FAA approved revisions. | Lycoming Engines | IO-540-C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -J4A5, -N1A5, -R1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -V4A5, -V4A5D, -W1A5, -W1A5D, -W3A5D, -AB1A5, -AF1A5<br><br>TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A<br><br>AEIO-540-D4A5, -D4B5, -D4C5, -D4D5<br><br>LTIO-540-K1AD |

---------- END OF DATA ----------

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 referto 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.

Scott A. Horn, Manager
Airplane Certification Office
ASW-150

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