



U.S. Department
of Transportation

**Federal Aviation
Administration**

Aircraft Certification Service

System Oversight Division
Fort Worth MIDO Section AIR-882
10101 Hillwood Parkway
Fort Worth, TX 76177
Phone: (817) 222-5819

February 28, 2018

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

FEDERAL AVIATION ADMINISTRATION (FAA)-PARTS MANUFACTURER APPROVAL

Dear Mr. Ross:

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 Computation, and submitted by Superior Air Parts, with your letter dated August 08, 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, has established the quality system required by § 21.307 at 621 S. Royal 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. 212.

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

Sincerely,

Carlton N. Cochran
Manager, AIR-882, Fort Worth MIDO Section, AIR-882

Enclosure
PMA Listing-Supplement No. 212



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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. 212
DATE: February 28, 2018

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Piston	SL75089A	P/N 75089 P/N 74530 P/N 14D23912	Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL75089A, <u>Rev:</u> F, <u>Date:</u> 07/18/17, or later FAA approved revisions.	Lycoming Engines	O-360-A1P, -A4P, -C4F, -C4P, -J2A HO-360-C1A IO-360-B1G6, -L2A, -M1A, -M1B, -N1A LO-360-A1G6D, -A1H6 HIO-360-G1A LIO-360-M1A AEIO-360-B1H, -H1B O-540-A4E5 IO-540-C4D5, -N1A5, -T4B5, -V4A5, -AF1A5 AEIO-540-D4D5
Piston	SL75413A	P/N 75413 P/N 74059 P/N 14D23915	Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL75413A, <u>Rev:</u> E, <u>Date:</u> 07/18/17, or later FAA approved revisions.	Lycoming Engines	O-360-B2C
Bolt, Thru, Crankcase	SL76220	P/N 76220	Test and Computations per 14 CFR §21.303, <u>DWG No:</u> SL76220, <u>Rev:</u> D, <u>Date:</u> 04/11/17, or later FAA approved revisions.	Lycoming Engines	O-320-B1A, -E3D O-360-A1D, -A1F6, -A1F6D, -A1H6, -A1P, -A4P, -B2C, -C4F, -C4P, -J2A

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Superior Air Parts Inc.
621 S. Royal Lane, Suite # 100
Coppell, TX 75019-3805

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Bolt, Thru, Crankcase	SL76220	P/N 76220	Test and Computations per 14 CFR §21.303, <u>DWG No: SL76220</u> , <u>Rev: D</u> , <u>Date: 04/11/17</u> , or later FAA approved revisions.	Lycoming Engines	HO-360-C1A IO-360-A3B6, -B1G6, -C1G6, -L2A, -M1A, -M1B, -N1A LO-360-A1H6 HIO-360-G1A LIO-360-M1A IVO-360-A1A AEIO-360-A1E, -B1B, -B1F, -B1G6, -B1H, -H1A, -H1B O-540-A4B5, -A4D5, -A4E5, -F1B5, -H2A5, -J3A5 IO-540-D4B5, -K1H5, -M1B5D, -T4B5, -V4A5, -W1A5, -W1A5D, -AA1A5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-W2A, -AF1A, -AF1B, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4D5, -L1B5 IO-720-B1BD

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

NOTE: 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.



James Grigg
Manager, Fort Worth ACO Branch
Compliance & Airworthiness Division
Aircraft Certification Service


for Carlton N. Cochran
Manager, Fort Worth MIDO Section, AIR-882