



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

**Aviation Safety**

10101 Hillwood Parkway  
Fort Worth, Texas 76177

December 03, 2020

Darryl Harlos  
Quality Director  
Superior Air Parts, Inc.  
621 S. Royal Lane  
Coppell, TX 75019

FEDERAL AVIATION ADMINISTRATION (FAA)-PARTS MANUFACTURER APPROVAL

Dear Mr. Harlos:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR) part 21, Certification Procedures for Products and Articles, subpart K, the FAA has found that the design data, based on Test and Computation and submitted by Superior Air Parts, Inc., with your letter dated March 31, 2020, 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, Coppell, TX 75019. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 267.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval dated July 09, 2012, also apply to the enclosed PMA Listing-Supplement No. 267. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

**CARLTON N** Digitally signed by  
**COCHRAN** CARLTON N COCHRAN  
Date: 2020.12.03  
13:00:58 -06'00'  
Carlton N. Cochran  
Aviation Safety  
Manager, Fort Worth MIDO Section, AIR-882

Enclosure  
PMA Listing-Supplement No. 267



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.   267  
DATE: December 03, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seat, Valve	SL12688 P010	LW-12688 P10	Test and Computations per 14 CFR § 21.303, <u>DWG No: SL12688</u> , <u>Rev: H</u> Date: 04/15/2003 or later FAA approved revisions	Lycoming Engines	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A2A, -A2B, -A2C, -A3B6D, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -D1A, -J1A6D, -K2A AIO-360-A1A, -A1B, -B1B AEIO-360-A1A, -A1B, -A1B6, -A1D, -A1E, -A2B LIO-360-C1E, -C1E6, -C1E6D HIO-360-E1AD, -E1BD, -F1AD IO-540-M1A5, -E1B5, -A1A5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -K1A5, -K1B5, -K1D5, -K1F5, -L1A5, -B1A5, -B1C5, -E1A5, -E1B5, -G1F5, -K1B5, -K1C5, -K1E5, -P1A5, -S1A5, -K1A5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -L1A5D, -M1A5D, -M1B5, -M1B5D, -U1A5D, -U1B5D, -K1E5D, -AA1A5 AEIO-540-L1B5D TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -S1AD, -N2BD, -R2AD, -U2A HIO-540-A1A LTIO-540-U2A, -F2BD, -J2B, -J2BD, -N2BD, -R2AD IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C IO-720-A1A, -A1B, -K1B, -D1C, -D1CD

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. 267  
DATE: December 03, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seat, Valve	SL12688 P020	LW-12688 P20	Test and Computations per 14 CFR § 21.303, <u>DWG No:</u> SL12688, <u>Rev:</u> H Date: 04/15/2003 or later FAA approved revisions	Lycoming Engines	IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1C6, -A1D, -A1D6, -A2A, -A2B, -A2C, -A3B6D, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1E6D, -C1F, -D1A, -J1A6D, -K2A AIO-360-A1A, -A1B, -B1B AEIO-360-A1A, -A1B, -A1B6, -A1D, -A1E, -A2B LIO-360-C1E, -C1E6, -C1E6D HIO-360-E1AD, -E1BD, -F1AD IO-540-M1A5, -E1B5, -A1A5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -K1A5, -K1B5, -K1D5, -K1F5, -L1A5, -B1A5, -B1C5, -E1A5, -E1B5, -G1F5, -K1B5, -K1C5, -K1E5, -P1A5, -S1A5, -K1A5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -L1A5D, -M1A5D, -M1B5, -M1B5D, -U1A5D, -U1B5D, -K1E5D, -AA1A5 AEIO-540-L1B5D TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -S1AD, -N2BD, -R2AD, -U2A HIO-540-A1A LTIO-540-U2A, -F2BD, -J2B, -J2BD, -N2BD, -R2AD IGSO-540-A1A, -A1C, -A1D, -A1E, -A1H, -B1A, -B1C IO-720-A1A, -A1B, -K1B, -D1C, -D1CD

----- 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 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.

**CARLTON N COCHRAN**  
Digitally signed by  
CARLTON N COCHRAN  
Date: 2020.12.03  
13:05:07 -06'00'

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

**CARLTON N COCHRAN**  
Digitally signed by  
CARLTON N COCHRAN  
Date: 2020.12.03 13:05:25  
-06'00'

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