



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

**Aviation Safety**

10101 Hillwood Parkway  
Fort Worth, Texas 76177

February 23, 2021

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 July 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. 292.

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. 292. 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: 2021.02.23  
07:18:45 -06'00'  
Carlton N. Cochran  
Aviation Safety  
Manager, Fort Worth MIDO Section, AIR-882

Enclosure  
PMA Listing-Supplement No. 292



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. 292  
DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Insert, Intake Valve Seat	SL72057A P005	72057 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	O-290-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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD

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PMA NO.     PQ0060SW  
 SUPPLEMENT NO.     292  
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<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Insert, Intake Valve Seat	SL72057A P005	72057 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

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PMA NO.     PQ0060SW  
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<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Insert, Intake Valve Seat	SL72057A P010	72057 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	O-290-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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 IO-540-C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -C4D5, -C4D5D, -D4A5, -D4B5, -D4C5, -J4A5, -N1A5, -R1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -V4A5, -V4A5D, -W1A5, -

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621 S. Royal Lane, Suite # 100  
Coppell, TX 75019-3805

PMA NO. PQ0060SW  
SUPPLEMENT NO. 292  
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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
Insert, Intake Valve Seat	SL72057A P010	72057 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	W1A5D, -W3A5D, -AB1A5, -AF1A5 T1O-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LT1O-540-K1AD
Insert, Intake Valve Seat	SL72057A P020	72057 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	O-290-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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A A1O-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B L1O-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -

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PMA NO.      P00060SW  
SUPPLEMENT NO.    292  
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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
Insert, Intake Valve Seat	SL72057A P020	72057 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

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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
Insert, Intake Valve Seat	SL72057A P030	72057 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	O-290-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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -

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DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Insert, Intake Valve Seat	SL72057A P030	72057 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72057A, <u>Rev:</u> C <u>Date:</u> 04/17/1998 or later FAA-approved revisions	Lycoming Engines	B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD O-290-11, -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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B

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. 292  
DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Insert, Exhaust Valve Seat	SL72058A P005	72057 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No: SL72058A, Rev: C</u> <u>Date: 08/21/1998 or later</u> 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO. PQ0060SW  
SUPPLEMENT NO. 292  
DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Insert, Exhaust Valve Seat	SL72058A P005	72057 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD
Insert, Exhaust Valve Seat	SL72058A P010	72057 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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PMA NO.     PQ0060SW  
SUPPLEMENT NO.     292  
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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
Insert, Exhaust Valve Seat	SL72058A P020	72057 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	O-290-11, -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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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PMA NO.     PQ0060SW      
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<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Insert, Exhaust Valve Seat	SL72058A P020	72057 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

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PMA NO. PQ0060SW  
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DATE: February 23, 2021

<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Insert, Exhaust Valve Seat	SL72058A P030	72057 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	O-290-11, -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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D VO-360-A1A, -A1B, -B1A HIO-360-B1A, -B1B, -G1A IVO-360-A1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
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PMA NO.      PQ0060SW  
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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
Insert, Exhaust Valve Seat	SL72058A P030	72057 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL72058A, <u>Rev:</u> C <u>Date:</u> 08/21/1998 or later FAA-approved revisions	Lycoming Engines	B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AF1B, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

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DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Guide, Exhaust Valve Seat	SL74230A P005	74230 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D HIO-360-B1A, -B1B, -G1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B O-540-A1A, -A1A5, -A1B5, -

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.    292  
DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Guide, Exhaust Valve Seat	SL74230A P005	74230 P05	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD
Guide, Exhaust Valve Seat	SL74230A P010	74230 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

SUPERIOR AIR PARTS, INC.  
621 S. Royal Lane, Suite # 100  
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PMA NO.     PQ0060SW  
SUPPLEMENT NO.     292  
DATE: February 23, 2021

<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Guide, Exhaust Valve Seat	SL74230A P010	74230 P10	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D HIO-360-B1A, -B1B, -G1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

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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
Guide, Exhaust Valve Seat	SL74230A P020	74230 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D HIO-360-B1A, -B1B, -G1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B O-540-A1A, -A1A5, -A1B5, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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<b>Article Name</b>	<b>Article Number</b>	<b>Approved Replacement For Article Number</b>	<b>Approval Basis and Approved Design Data</b>	<b>Make/TCH Eligibility</b>	<b>Model/Series Eligibility</b>
Guide, Exhaust Valve Seat	SL74230A P020	74230 P20	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD
Guide, Exhaust Valve Seat	SL74230A P030	74230 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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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
Guide, Exhaust Valve Seat	SL74230A P030	74230 P30	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	B1B, -B2A, -B2B, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -C4F, -C4P, -D1A, -D2A, -D2B, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D HIO-360-B1A, -B1B, -G1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B 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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 LTIO-540-K1AD

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Guide, Exhaust Valve Seat	SL74230A P040	74230 P40	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H, -H1AD, -H1BD, -H2AD, -H2BD, -H3AD, -H3BD IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B LIO-320-B1A, -C1A AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B O-340-A1A, -A2A, -B1A 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, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD, -F1A6, -G1A6, -J2A HO-360-A1A, -B1A, -B1B, -C1A IO-360-B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F1A, -L2A, -M1A, -M1B LO-360-A1G6D, -A1H6, -E1AD, -E1A6D, -E1BD, -E2AD, -E2BD TO-360-E1A6D HIO-360-B1A, -B1B, -G1A LIO-360-M1A LTO-360-E1A6D AEIO-360-B1B, -B1D, -B1E, -B1F, -B1F6, -B1G6, -B1H, -B2F, -B2F6, -B4A, -H1A, -H1B O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -

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. 292  
DATE: February 23, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Guide, Exhaust Valve Seat	SL74230A P040	74230 P40	Test and Computations per 14 CFR § 21.303, <u>DWG. No:</u> SL74230A, <u>Rev:</u> H <u>Date:</u> 12/17/2009 or later FAA-approved revisions	Lycoming Engines	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 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 TIO-540-C1A, -E1A, -G1A, -H1A, -K1AD, -AA1AD, -AB1AD, -AB1BD, -AF1A, -AG1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5 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 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.

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

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