



U.S. Department

of Transportation

**Federal Aviation
Administration**

Aviation Safety

2200 South 216th Street
Des Moines, WA 98198

March 5, 2020

Precision Airmotive, LLC
Attn: Mr. Jeff Sitter
17716 48th Drive NE
Arlington, WA 98223

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Sitter:

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 Federal Aviation Administration (FAA) has found that the design data, based on Test and Computations with your letter dated November 11, 2019 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 Precision Airmotive, LLC has established the quality system required by § 21.307 at 17716 48th Drive NE, Arlington, WA 98223. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 5 Rev 3.

You are reminded that the provisions of 14 CFR, parts 21 and 45, apply to the enclosed PMA Listing-Supplement No. 5 Rev 3. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

James Hampton
Aviation Safety
Aviation Safety Inspector, Seattle
MIDO Section

Enclosure



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Precision Airmotive LLC
17716 – 48th Drive NE
Arlington, WA 98223

PMA No. PQ0111NM
SUPPLEMENT NO. 5 REV 3
Date: March 5, 2020

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Spring	CFRA7424	Make: Crane / Lear Romec Part No. RA7424	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRA7424 <u>Rev.</u> 1 <u>Dated</u> 10/01/1991, or later FAA approved revisions	Lycoming Engines	IO-320-C1A, -F1A LIO-320-C1A IO-360-A1B, -B1D TIO-360-A1B, TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD IO-540-A1A5, -G1B5, -G1C5, -G1D5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1F5, -L1A5, -M2A5D, -P1A5, -R1A5 TIO-540-AA1AD, -AB1AD, -AF1A, -AF1B, -A2B, -C1A, -G1A, -H1A
Valve, Bypass	CFRA7427	Make: Crane / Lear Romec Part No. RA7427	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRA7427 <u>Rev.</u> 1 <u>Dated</u> 10/01/1991, or later FAA approved revisions	Textron Lycoming	IO-720-A1A, -A1B IO-320-C1A, -F1A LIO-320-C1A IO-360-A1B, -B1D TIO-360 A1B, TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD IO-540-A1A5, -G1B5, -G1C5, -G1D5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1F5, -L1A5, -M2A5D, -P1A5, -R1A5 TIO-540-AA1AD, -AB1AD, -AF1A,

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Seal, Metallic	CFRA7452	Make: Crane / Lear Romec Part No. RA7452	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRA7452 <u>Rev.</u> 1 <u>Dated</u> 10/01/1991, or later FAA approved revisions	Lycoming Engines	-AF1B, -A2B, -C1A, -G1A, -H1A Textron Lycoming
Thrust Washer	CFRA7654	Make: Crane / Lear Romec Part No. RA7654	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRA7654 <u>Rev:</u> 2 <u>Date:</u> 02/18/1998, or later FAA approved revisions	Lycoming Engines	IO-320-C1A, -F1A LIO-320-C1A IO-360-A1B, -B1D TIO-360-A1B, TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD IO-540-A1A5, -G1B5, -G1C5, -G1D5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1F5, -L1A5, -M2A5D, -P1A5, -R1A5 TIO-540-AA1AD, -AB1AD, -AF1A, -AF1B, -A2B, -C1A, -G1A, -H1A Textron Lycoming
					IO-720-A1A, -A1B

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				-V4A5D, -V4A5, -W1A5, W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5 LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, D1CD
Rotor	CFRA7791	Make: Crane / Lear Romec Part No. RA7791	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRA7791 <u>Rev.</u> H <u>Dated</u> 10/07/2008, or later FAA approved revisions	Lycoming Engines	IO-320-C1A, -F1A LIO-320-C1A IO-360-A1B, -B1D TIO-360-A1B, TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD IO-540-A1A5, -G1B5, -G1C5, -G1D5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1F5, -L1A5, -M2A5D, -P1A5, -R1A5 TIO-540-AA1D,

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					-AB1AD, -AF1A, -AF1B, -A2B, -C1A, -G1A, -H1A
				Textron Lycoming	IO-720-A1A, -A1B
Spring	CFRA8297	Make: Crane / Lear Romec Part No. RA8297	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRA8297 <u>Rev:</u> 1 <u>Date:</u> 11/24/1990, or later FAA approved revisions	Lycoming Engines	TIO-360-A3B6 IO-540-B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, E1B5, -E1C5, -G1A5, -G1E5, -G1F5, -K1B5D, -K1E5, -K1E5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -N1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5

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				LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Gasket	CFRA8987	Make: Crane / Lear Romec Part No. RA8987	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRA8987 <u>Rev:</u> D <u>Date:</u> 11/18/2016, or later FAA approved revisions	Lycoming Engines	TIO-360-A3B6 IO-540-B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, E1B5, -E1C5, -G1A5, -G1E5, -G1F5, -K1B5D, -K1E5, -K1E5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -N1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A,

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				-AA1AD, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5 LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Tag	CFRA9099	Make: Crane / Lear Romec Part No. RA9099	Test and Computation per 14 CFR § 21.303, <u>Dwg. No. CFRA9099</u> <u>Rev: 4</u> <u>Date: 10/23/2017, or later</u> FAA approved revisions	Lycoming Engines	TIO-360-A3B6 IO-540-B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, E1B5, -E1C5, -G1A5, -G1E5, -G1F5, -K1B5D, -K1E5, -K1E5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -N1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5,

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				-AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4B5, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5 LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Tag	CFRB10896	Make: Crane / Lear Romec	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRB10896	Lycoming Engines	TIO-360-A3B6 IO-540-B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1E5, -G1F5, -K1B5D, -K1E5, -K1E5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -N1A5, -S1A5,
		Part No. RB10896	<u>Rev:</u> D <u>Date:</u> 01/13/2017, or later FAA approved revisions		

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				-T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C, -F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4BD, -D4C5, -D4D5, -L1B5D, -L1B5, -L1D5 LTIO-540-F2BD, -J2BD, -K1AD, -N2BD, -R2AD, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD	
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Data Tag	CFRB8199	Make: Crane / Lear Romec Part No. RB8199	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRB8199 <u>Rev:</u> 2 <u>Date:</u> 01/13/2017, or later FAA approved revisions	Lycoming Engines	GO-435, GO-435-C2 (O-435- 17) GO-435-C2A, -C2A2 GO-435-C2B, -C2B1, C2B2 GO-435-C2C, -C2D, -C2E GO-435-D1 GO-480, GO-480-A1A, -B, -B1, -B1A6, -B1B, -B1C, -B1D, -C1B6, -C1D6, -C2C6, -C2D6, -C2E6,

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				-C3A6, -D1A, -E1A6, -F, -F1A6, -F2A6, -F2D6, -F3A6, -F3B6, -F4A6, -F4B6, -G1A6, -G1B6, -G1D6, -G1H6, -G1J6, -G2D6, -G2F6 TIO-540-AA1AD, -AB1AD LTIO-540 J2B, U2A	
Spring	CFRB35004	Make: Crane / Lear Romec Part No. RB35004	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRB35004 <u>Rev.</u> 1 <u>Date</u> 05/22/1991, or later FAA approved revisions	Textron Lycoming	IO-720-A1B
Coupling	CFRB8935	Make: Crane / Lear Romec Part No. RB8935	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRB8935 <u>Rev:</u> C <u>Date:</u> 08/21/2002, or later FAA approved revisions	Lycoming	TIO-360-A1A, TIO-360-A1B, TIO-360-C1A6D IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, K1A5, -K1A5D, -K1B5, -K1B5D, -K1C5, -K1D5, -K1E5D, -K1F5, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -M2A5D, -N1A5, -P1A5, -R1A5, -S1A5, -T4A5D, -T4B5, -T4B5D,

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Rotor	CFRB9085	Make: Crane / Lear Romec Part No. RB9085	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRB9085 <u>Rev:</u> B <u>Date:</u> 8/25/2004, or later FAA approved revisions	Lycoming Engines	-T4C5D, U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540 AA1AD, -AB1AD, -A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, -T2AD, -U2A, -V2AD, -W2A LTIO-540-F2BD, -J2B, -J2BD, -U2A, -V2AD, -W2A TIGO-541-B1A, -C1A, -G1AD
					TIO-360-A3B6 IO-540-B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4D5, -C4C5, -C4D5D, -D4A5, -D4B5, -D4C5, -E1A5, -E1B5, -E1C5, -G1A5, -G1E5, -G1F5, -K1B5D, -K1E5, -K1E5D, -K1F5D, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1A5D, -L1B5D, -L1C5, -M1A5, -M1A5D, -M1B5D, -M1C5, -N1A5, -S1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -U1A5D, -U1B5D, -V4A5D, -V4A5, -W1A5, -W1A5D, -W3A5D, -AA1A5, -AA1B5, -AB1A5, -AC1A5, -AE1A5, -AF1A5, -AG1A5 TIO-540-A1A, -A1B, -A2A, -A1C, -A2C,

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>	
				-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -S1AD, -T2AD, -U2A, -V2AD, -W2A, -AA1AD, -AB1BD, -AE2A, -AG1A, -AH1A, -AJ1A, -AK1A AEIO-540-D4A5, -D4BD, -D4C5 -D4D5, -L1B5D, -L1B5, -L1D5 LTIO-540-F2BD, -J2B, -J2BD, -K1AD, -N2BD, -R2AD, -U2A, -V2AD, -W2A TIVO-540-A2A TIGO-541-B1A, -C1A, -D1A, -D1B, -E1A, -G1AD		
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD	
Drive Coupling	CFRB7779-2	Make: Crane / Lear Romec Part No. RB7779-2	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRB7779-2 <u>Rev. D</u> <u>Dated</u> 12/05/2016, or later FAA approved revisions	Lycoming Engines	IO-360-C1A IO-540-G1B5, -G1D5, -J4A5, -K1A5, -R1A5	
Drive Coupling	CFRD7779-4	Make: Crane / Lear Romec Part No. RD7779-4	Test and Computation per 14 CFR § 21.303 <u>Dwg No.</u> CFRD7779-4 <u>Rev. E</u> <u>Dated</u> 09/06/2013, or later FAA approved revisions	Textron Lycoming	IO-720 A1A, A1B	
					IO-320-F1A LIO-320-C1A IO-360-A1B, -B1A TIO-360-A1B, TIO-360-C1A6D HIO-360-E1AD, -E1BD, -F1AD IO-540-A1A5, -G1C5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1F5, -L1A5, -M2A5D, -P1A5 TIO-540-AA1D, -AB1AD, -AF1A, -AF1B, -A2B, -C1A, -G1A, -H1A	

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Coupling	CFRD8935-3	Make: Crane / Lear Romec Part No. RD8935-3	Test and Computation per 14 CFR § 21.303, <u>Dwg. No.</u> CFRD8935-3 Rev: E Date: 03/22/2019, or later FAA approved revisions	Lycoming Engines	TIO-360-A3B6 IO-540-K1E5, -K1F5D TIO-540-AA1AD, -AB1AD, -A1A, -A1B, -A2A, -A2B, -A2C, -F2BD, -J2B, -J2BD, -N2BD, -R2AD, T2AD, -U2A, -V2AD, -W2A LTIIO-540-F2BD, -J2B, -J2BD, -U2A, -V2AD, -W2A TIGO-541-D1A, -D1B, -E1A
				Textron Lycoming	IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B, -C1BD, -D1B, -D1BD, -D1C, -D1CD
Washer	CF625457-1	Make: Continental Motors Part No. 625457-1	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF625457-1 Rev: 1 Date: 5/15/2013, or later FAA approved revisions	Continental	IO-360-CB, -D, -DB, -G, -GB, -J, -K LTSIO-360-E, -EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -BE, -C, -D, -DB, -UB
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Spring	CF625492	Make: Continental Motors Part No. 625492	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF625492 Rev: 1 Date: 2/21/2013, or later FAA approved revisions	Continental	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L TSIO-520-AF, -B, -BB, -BE, -C, -CE, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -VB TSIOL-550-A
Pin	CF625952	Make: Continental Motors Part No. 625952	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF625952 Rev: 1 Date: 5/29/2013, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB TO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L LTSIO-360-E, -EB, -KB, -RB TSIO-360-A, -AB, -C, -CB, -D, DB, -E, -F, -FB, -H, -HB, JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AF-, -B, -BB, -C, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Diaphragm	CF626536	Make: Continental Motors Part No. 626536	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF626536 Rev: 1 Date: 5/16/2012, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB TO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L, -N LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M, -N
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Pin	CF626813-1	Make: Continental Motors Part No. 626813-1	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF626813-1 Rev: 2 Date: 12/04/2017, or later FAA approved revisions	Continental Motors	IO-470-F TSIO-520-G

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Pin	CF626844	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF626844 Rev: 1 Part No. 626844 Date: 5/29/2013, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L LTSIO-360-E, -EB, -KB, -RB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AF, -B, -BB, -C, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
Gasket	CF627124	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF627124 Rev: 1 Part No. 627124 Date: 5/29/2013, or later FAA approved revisions	Continental	IO-240-A, -B IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB TO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L, -N LTSIO-360-E, -EB, -KB, -RB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB,

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
				-K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB TSIOL-550-A, -B, -C, -E GTSIO-520-C, -D, -H, -L, -M, -N	
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Ball	CF628249-7	Make: Continental Motors Part No. 628249-7	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF628249-7 Rev: 1 Date: 4/30/2013, or later FAA approved revisions	Continental	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-360-E, -EB, -KB, -RB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AE, -AF, -B, -BB, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB GTSIO-520-C, -D, -F, -H, -K, -L, -N TSIOL-550-A, -B, -C
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Spring	CF628311	Make: Continental Motors Part No. 628311	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF628311 Rev: 1 Date: 2/21/2013, or later FAA approved revisions	Continental	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB IO-550-N TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Valve	CF628333	Make: Continental Motors Part No. 628333	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF628333 Rev: 2 Date: 09/10/13, or later FAA approved revisions	Continental Motors	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D TSIO-360-H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -B, -BB, -BE, -D, -DB, -E, -EB, -G, -J, -JB, -K, -KB, -L, -LB, -N, -NB, -T, -UB, -VB, -WB TSIOL-550-A, -B, -C GTSIO-520-C -D, -H, -L, -M
Spring	CF630167	Make: Continental Motors Part No. 630167	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630167 Rev: 1 Date: 02/21/2012, or later FAA approved revisions	Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E IO-360-C, -CB, -D, -DB, -G, -GB, -J, -K IO-470-C, -D, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -N LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB TSIOL-550-A, -B, -C

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
					GTSIO-520-C, -D, -H, -L, -M, -N
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Insert, Mixture Control	CF630213	Make: Continental Motors Part No. 630213	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630213 Rev: 5 Date: 07/28/2017, or later FAA approved revisions	Continental	LTSIO-360-E, -EB, -KB TSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-BE, -D, -DB, -UB TSIOL-550-B
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Spring	CF630274	Make: Continental Motors Part No. 630274	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630274 Rev: 1 Date: 02/21/2012, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB LTSIO-360-E, -EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB TSIO-520-DB, -UB TSIOL-550-B
Pin	CF630383-1	Make: Continental Motors Part No. 630383-1	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630383-1 Rev: 1 Date: 05/29/2013, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L LTSIO-360-E, -EB, -KB, -RB

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
					TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB
					TSIO-520-AF, -B, -BB, -C, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -VB
					TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
Stop	CF630383-2	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630383-2 Rev: 2	Continental	LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -BE, -D, -DB, -UB TSIOL-550-B, -C
		Part No. 630383-2	Date: 10/05/2014, or later FAA approved revisions	Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
O-Ring	CF630979	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979 Rev: 2	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB LTSIO-360-E, -EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V
		Part No. 630979	Date: 03/09/2017, or later FAA approved revisions		IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -D, -E, -F, -L TSIO-520-AF, -B, -BB, -BE, -C,

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
O-Ring	CF630979-10	Make: Continental Motors Part No. 630979-10	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-10 Rev: 1 Date: 03/28/2013, or later FAA approved revisions	Continental	-CE, -D, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -VB GTSIO-520-C, -D, -H, -L, -M, -N TSIOL-550-A
O-Ring	CF630979-11	Make: Continental Motors Part No. 630979-11	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-11 Rev: 1 Date: 03/28/2013, or later FAA approved revisions	Continental Motors, Inc.	IO-360-CB, -DB, -G, -J, -K LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -BE, -D, -DB, -UB TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
O-Ring	CF630979-12	Make: Continental Motors Part No. 630979-12	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-12 Rev: 1 Date: 03/28/2013, or later FAA approved revisions	Continental	TSIO-360-A, -AB, -B, -BB, -C, -CB, -D, -DB, -E, -EB, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB TSIO-520-B, -BB, -D, -DB, -E, -EB, -J, -JB, -K, -KB, -N, -NB, -T, -UB, -VB GTSIO-520-C, -L, -M IO-550-N
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<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
					-DB, -E, -EB, -FB, -G, -GB, -HB, -JB, -KB, -LB
O-Ring	CF630979-14	Make: Continental Motors Part No. 630979-14	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-14 Rev: 2 Date: 09/28/2016, or later FAA approved revisions	Continental	TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB GTSIO-520-C, -D, -F, -H, -K, -L, -M IO-550-N
O-Ring	CF630979-6	Make: Continental Motors Part No. 630979-6	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-6 Rev: 1 Date: 04/30/2013, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB LTSIO-360-E, -EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB TSIO-520-UB
O-Ring	CF630979-9	Make: Continental Motors Part No. 630979-9	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF630979-9 Rev: 1 Date: 03/28/2013, or later FAA approved revisions	Continental	TSIO-520-DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB GTSIO-520-C, -D, -H, -L, -M, -N TSIOL-550-A, -B, -C IO-360-A, -AB, -C, -D, -DB, -G, -GB, -J, -K, -KB LTSIO-360-EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -KB, -LB TSIO-520-D, -UB
		Continental Motors, Inc.			TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Spring	CF631331	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF631331 Rev: 1 Part No. 631331	Continental	IO-240-A, -B IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -G, -L -N LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DE, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M, -N
		Continental Motors, Inc.		Continental	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Spring	CF631426	Make: Continental Motors	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF631426 Rev: 1 Part No. 631426	Continental	IO-360-A, -AB, -C, CB, -D, -DB, -G, GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A LTSIO-360-E, -EB, -KB, -RB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E,

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
				-EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DE, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB GTSIO-520-C, -D, -H, -L, -M, -N	
Retainer	CF632394	Make: Continental Motors Part No. 632394	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF632394 Rev: 4 Date: 07/24/2019, or later FAA approved revisions	Continental	IO-240-A, -B IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -G, -L -N LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DE, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M, -N
		Continental Motors, Inc.		TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E	

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Pin	CF634441	Make: Continental Motors Part No. 634441	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF634441 Rev: 1 Date: 05/29/2013, or later FAA approved revisions	Continental	LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -B, -BB, -BE, -CE, -D, -DB, -E, -EB, -G, -J, -JB, -K, -KB, -NB, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Pin	CF634441-1	Make: Continental Motors Part No. 6314441-1	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF634441-1 Rev: 1 Date: 05/29/2013, or later FAA approved revisions	Continental	TSIO-520-AF, -C, -CE, -G, -H, -M, -P, -R
Fuel Pump Blade	CF635549	Make: Continental Motors Part No. 635549	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF635549 Rev: C Date: 12/19/2016, or later FAA approved revisions	Continental	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
					TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Washer	CF635835-1	Make: Continental Motors Part No. 635835-1	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF635835-1 Rev: 2 Date: 04/28/2017, or later FAA approved revisions	Continental	LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -BE, -D, -DB, -UB IO-550-N TSIOL-550-B, -C
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Washer	CF635835-2	Make: Continental Motors Part No. 635835-2	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF635835-2 Rev: 2 Date: 05/23/2017, or later FAA approved revisions	Continental	IO-360-CB, -D, -DB, -G, -GB, -J, -K LTSIO-360-E, -EB, -KB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -BE, -C, -D, -DB, -UB
				Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E
Screw	CF639479	Make: Continental Motors Part No. 639479	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF639479 Rev: 1 Date: 07/02/2013, or later FAA approved revisions	Continental	IO-360-A, -C, -CB, -D, -DB, -G, -GB, -H, -HB, -J, -JB, -K, -KB LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -B, -BB, -C, -CB, -D,

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
					-DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB TSIO-520-AE, -D, -DB, -UB GTSIO-520-F, -K
Diaphragm	CF642644	Make: Continental Motors Part No. 642644	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF642644 Rev: 1 Date: 07/22/2013, or later FAA approved revisions	Continental	IO-360-C, -CB, -D, -DB, -G, -GB, -J, -K IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -N LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DE, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
Gasket	CF649983	Make: Continental Motors Part No. 649983	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF649983 Rev: 1 Date: 05/29/2013, or later FAA approved revisions	Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
				-VB	
				TSIOL-550-A, -B, -C	
				GTSIO-520-C, -D, -H,	
				-L, -M, -N	
Gasket, Separator	CF652090	Make: Continental Motors Part No. 652090	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF652090 Rev: 3 Date: 09/02/2016, or later FAA approved revisions	Continental	IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V
				IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB	
				IO-550-A, -B, -C, -D, -N	
				LTSIO-360-E, -EB, -KB, -RB	
				LTSIO-520-AE	
				TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB	
				TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB	
				TSIOL-550-A, -B, -C	
				GTSIO-520-C, -D, -H, -L, -M	
			Continental Motors, Inc.	TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E	

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Gasket	CF653746	Make: Continental Motors Part No. 653746	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF653746 Rev: 1 Date: 05/29/2013, or later FAA approved revisions	Continental	IO-550-A, -B, -C LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -B, -BB, -BE, -CE, -D, -DB, -E, -EB, -G, -J, -VB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M
		Continental Motors, Inc.		TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E	

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Seal	CF657217	Make: Continental Motors Part No. 657217	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF657217 Rev: A Date: 04/28/2012, or later FAA approved revisions	Continental	IO-360-A, -AB IO-550-A, -B, -C LTSIO-360-E, -EB, -KB LTSIO-520-AE TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -SB TSIO-520-AE, -AF, -B, -BB, -BE, -C, -CE, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB GTSIO-520-C, -D, -H, -L, -M TSIOL-550-A, -B, -C
		Continental Motors, Inc.		TSIO-550-A TSIO-550-B TSIO-550-C TSIO-550-E	

<u>ARTICLE NAME</u>	<u>ARTICLE NUMBER</u>	<u>APPROVED REPLACEMENT FOR ARTICLE NUMBER</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>MAKE/TCH ELIGIBILITY</u>	<u>MODEL/SERIES ELIGIBILITY</u>
Pin	CF626813	Make: Continental Motors Part No. 626813	Test and Computation Per 14 CFR § 21.303, Dwg. No. CF626813 Rev: 2 Date: 12/04/2017, or later FAA approved revisions	Continental	IO-360-A, -AB, -C, -CB, -D, -DB, -G, -GB, -J, -K, -KB IO-470-C, -D, -E, -F, -H, -J, -K, -L, -M, -N, -S, -U, -V IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB IO-550-A, -B, -C, -D, -E, -F, -L, -N LTSIO-360-E, -EB, -KB, -RB TSIO-360-A, -AB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -H, -HB, -JB, -KB, -LB, -MB, -RB, -SB TSIO-520-AF, -B, -BB, -C, -E, -EB, -G, -H, -J, -JB, -K, -KB, -M, -N, -NB, -P, -R, -T, -UB, -VB TSIOL-550-A, -B, -C GTSIO-520-C, -D, -H, -L, -M

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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.

Signature on file

Ross Landes
Manager, Seattle Aircraft
Certification Office



James Hampton
Aviation Safety
Aviation Safety Inspector Seattle,
MIDO Section