

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

SUPERIOR AIR PARTS, INC.
14280 Gillis Road
Dallas, Texas 75244

PMA No. PQ60SW
Supplement No. 179
Revision No. IR
Project No. PM6434SC-E

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Crankshaft Assembly	SL36500- A20	Textron Lycoming P/N 13B27121, 13B17161, LW-17161 74968	Test and Computations per 14 CFR § 21.303, Dwg: SL36500-A20, Rev: None, Dated: 05/01/97, or later FAA approved revision	Textron Lycoming	IO-360-B2F, -L2A O-360, -A2A, -A2D, -A2E -A2F, -A2G, -B2A, -C2A, -C2C, -C2D, -C2E, -D2A, -D2B
Crankshaft Assembly	SL36500- A31	Textron Lycoming P/N 13B27120, 13B17160, LW-17160, 74966	Test and Computations per 14 CFR § 21.303, Dwg: SL36500-A30, Rev: None, Dated: 05/01/97, or later FAA approved revision	Textron Lycoming	AEIO-360-H1A IO-360-B1A, -B1B, -B1D, -B1E, -B1F, -M1A O-360, -A1A, -A1C, -A1D, -A2A, -C1A, -C1G, -C1C, -C1E, -C1F
Rocker Arm Assembly	SL18790	Textron Lycoming P/N LW-18790 17F19353 17F19357 74636	Test and Computations per 14 CFR § 21.303, Dwg: SL18790, Rev: B, Dated: 07/27/00, or later FAA approved revision	Textron Lycoming	AEIO-360-B1G6, -H1A AIO-320-B1B, -C1B HIO-360-B1A HO-360-B1A, -B1B, -C1A

PMA No. PQ60SW Supplement No. 179 Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					IO-320-B1A, -B1C, -C1A, -D1A, -E1A, -E1B, -E2A, -E2B
					IO-360-B1G6, -B1A, -B1B, -B1D, -B1E, -B1F, -B2F, -B2F6, -B4A, -C1C, -L2A, -M1A
					IO-540-AB1A5, -C1B5, - C4D5D, C4B5, -C4C5, -D4A5, -J4A5, -N1A5, -R1A5, -T4A5D, -T4B5, -T4B5D, -T4C5D, -V4A5D, -W1A5, -W1A5D, -W3A5D
					LO-360-A1G6D, -A1H6
					LIO-320-B1A, -C1A
					O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B2A, -B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H
					O-360, -A1A, -A1AD, -A1C,

PMA No. PQ60SW Supplement No. 179

Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-A1D, -A1F6, -A1F6D, -A1G6, -A1G6D, -A1H6, - A1LD, -A1P, -A2A, -A2D, -A2E, -A2F, -A2G, -A3A, -A3AD, -A4A, -A4G, -A4J, -A4K, -A4M, A4N, A4P, -A5AD, -B2A, -B2C, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2C, -C2D, -C2E, -C4F, -C4P, -D2A, -D2B, -F1A6, -J2A O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -B1A5, -B1B5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -E4C5, -G1A5, -G2A5, -H1B5D, -H2B5D, -J1A5D, -J3A5, -J3A5D, -J3C5D, -L3C5D TIO-540-AA1AD, -AB1AD, -AF1A, -C1A, -E1A, -G1A, -H1A
Gear, Magneto Impulse Coupling	SL61665	Textron Lycoming P/N 61665	Test and Computations per 14 CFR § 21.303, Dwg: SL61665, Rev: A, Dated: 08/08/00, or later FAA approved revision	Textron Lycoming	AEIO-360-A1E, -H1A AIO-320-B1B, -C1B AIO-360-A1B, -B1B IO-360-A1B, -A1B6, -A1D, -A1D6, -A2B, -B1E, -B1F,

PMA No. PQ60SW Supplement No. 179

Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-B1G6, -B4A, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -L2A, -M1A
					IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B
					LIO-320-B1A, -C1A
					LIO-360-C1E6
					LO-360-A1H6
					O-290-D, -D2, -D2B, -D2C
					O-235-P2A
					O-320-A2A, -A2B, -A2D, -A3A -A3B, -B2B, -B3B, -D1A, -D1D, -D1F, -D2A, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2A, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H
					O-360, -A1A, -A1F6, -A1G6, -A1H6, -A1P, -A2A,
					-A2F, -A2G, -A3A, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -A4P, -B2A, -B2C,

PMA No. PQ60SW Supplement No. 179

Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-C1A, -C1E, -C1F, -C1G, -C2A, -C2E, -C4F, -C4P, -D2A, -F1A6
Gearshaft, Propeller Governor	SL68317	Textron Lycoming P/N 68317	Test and Computations per 14 CFR § 21.303, Dwg: SL68317, Rev: A, Dated: 09/13/00, or later FAA approved revision	Textron Lycoming	AEIO-360-B1G6, -H1A IO-320-B1A, -B1C, -C1A, -D1A, -E1A, -E1B IO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -B1A, -B1B, -B1D, -B1E, -B1F, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1F LIO-320-B1A, -C1A O-235-M1, -P2A O-320-A3B, -A2A, -A3A, -B3B, -B3C, -D1A, -D1D, -E1A, -E2C O-360, -A1A, -A1C, -A1D, -A1F6, -A1G6, -A2A, -C1A, -C1C, -C1E, -C1F
Gear Assembly, Vacuum Pump	SL72970	Textron Lycoming P/N 72970	Test and Computations per 14 CFR § 21.303, Dwg: SL72970, Rev: A, Dated: 09/25/00, or later FAA approved revision	Textron Lycoming	AIO-320-B1B, -C1B AIO-360-A1A, -A1B, -B1B

PMA No. PQ60SW Supplement No. 179

Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E2A
					IO-360-A1A, -A1B, -A1B6, -A1C, -A1D6, -A2A, -A2B, -B1A, -B1B, -B1D, -B1E, -B1F, -B1G6, -B2F, -B2F6, -B4A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -L2A, -M1A
					LIO-320-B1A, -C1A
					LIO-360-C1E6
					LO-360-A1H6
					O-235-C1, -C1B, -C2A, -C2C, -F2A, -F2B, -J2A, -K2A, -K2B, -L2C, -M1, -N2A, -N2C, -P2A
					O-290-D, -D2, -D2B, -D2C
					O-320-A2A, -A2B, -A2C, -A3A, -A3B, -A3C, -B2A,
					-B2B, -B2C, -B3A, -B3B, -B3C, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C, -D2G, -D2J, -D3G, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D,

PMA No. PQ60SW Supplement No. 179 Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-E2F, -E2G, -E2H, -E3D, -E3H
					O-360, -A1A, -A1C, -A1D, -A1F6, -A1G6, -A1H6, -A1P, -A2A, -A2D, -A2E, -A2F, -A3A, -A4A, -A4K, -A4M, -A4N, -A4P, -B2C, -B2A, -C1G, -C1A, -C1C, -C1F, -C2A, -C2C, -C4F, -C4P, -D2A, -F1A6
					TIO-360-A1B
Gear Assembly	SL75072	Textron Lycoming P/N 75072	Test and Computations per 14 CFR § 21.303, Dwg: SL75072, Rev: None, Dated: 03/09/92, or later FAA approved revision	Textron Lycoming	AEIO-360-A1E, -B1G6, -H1A
					AIO-320-B1B, -C1B
					AIO-360-A1A, -A1B, -B1B
					HIO-360-A1A, -B1A, -C1A, -C1B, -D1A
					HO-360-C1A
					IO-320-B1A, -B1C, -D1A, -D1B, -E1A, -E1B, -E2A, -E2B
					IO-360-A1A, -A1B, -A1B6, -A1C, -A1D, -A1D6, -A2A,

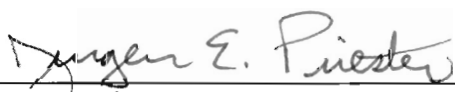
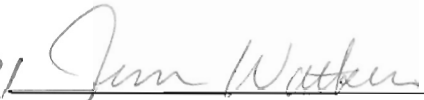
<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-A2B, -B1B, -B1E, -B1F, -B1G6, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -L2A, -M1A
					LIO-360-C1E6
					LIO-320-B1A
					LO-360-A1H6
					O-235-C1, -C1B, -C2A, -C2C, -F2A, -F2B, -H2C, -J2A, -K2A, -K2B, -L2A, -L2C, -M1, -N2A, -N2C, -P2A
					O-290-D, -D2, -D2B, -D2C
					O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B2A, -B2B, -B2C, -B3A,
					-B3B, -B3C, -D1A, -D1D, -D1F, -D2A, -D2B, -D2C,
					-D2G, -D3G, -E1A, -E1F, -E2A, -E2B, -E2C, -E2D, -E2F, -E2G, -E2H, -E3D, -E3H
					O-360-A1A, -A1D, -A1F6, -A1G6, -A1H6,

PMA No. PQ60SW Supplement No. 179 Revision No. IR

<u>PART NAME</u>	<u>PART NUMBER</u>	<u>REPLACEMENT FOR</u>	<u>APPROVAL BASIS AND APPROVED DESIGN DATA</u>	<u>ELIGIBILITY (MAKE)</u>	<u>ELIGIBILITY (MODEL)</u>
					-A2A, -A2D, -A2F, -A2G, -A3A, -A4A, -A4G, -A4J, -A4K, -A4M, -A4N, -B2A, -B2C, -C1A, -C1C, -C1F, -C2A, -C2C, -C4F, -D2A, -F1A6

-----End of Listing-----

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.

	
<u>Jurgen E. Priester</u>	<u>4-5-2001</u>
Jurgen Priester	Date
Project Engineer, Special Certification Office,	Jim Watkins
ASW-190	Aviation Safety Inspector, Manufacturing Inspection
	District Office, SW MIDO-42
	<u>4/5/01</u>
	Date

This Supplement is an attachment to your FAA-PMA approval letter dated: January 26, 1994