

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

SUPERIOR AIR PARTS, INC.
14280 Gillis Road
Dallas, Texas 75240

PMA No. PQ60SW
Supplement No. 177
Revision No.
Project No. PM6094SC-E

<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>
Barrel	SL32030-P30	Modification Part	Test and Computation per 14 CFR § 21.303, Dwg: SL32030, Rev: E, Dated: 05/04/99, or later FAA approved revisions used with Dwg: SL32000W-RB, Rev: A, Dated: 05/04/99, or later FAA approved revisions	Textron Lycoming	AEIO-320-E1A, -E1B, -E2A, -E2B, -D1B, -D2B AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -D1A, -D1AD, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B LIO-320-B1A O-320-A1B, -A2B, -A2C, -A2D, -A3A, -A3B, -B2B, -B2C, -B3B, -B3C, -C2B, -C2C, -C3B, -C3C, -D1A, -D1AD, -D1B, -D1C, -D1D, -D1F, -D2A, -D2B, -D2C, -D2F, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E1C, -E1F, -E1J, -E2A, -E2B, -E2C, -E2D, -E2E, -E2F, -E2G, -E2H, -E3D, -E3H

PMA No. PQ60SW Supplement No. 177 Revision No.

<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>
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL32000W-RB)
					IO-320-C1A, C1B, C1F
					LIO-320-C1A
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL32000WL-RB)

PMA No. PQ60SW Supplement No. 177 Revision No.

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Barrel, Narrow-Deck	SL32030N-P30	Modification Part	Test and Computation per 14 CFR § 21.303, Dwg: SL32030N, Rev: F, Dated: 05/04/99, or later FAA approved revisions used with Dwg: SL32000N-RB, Rev: A, Dated: 05/05/99, or Dwg: SL32000NA-RB, Rev: A, Dated: 05/05/99, or later FAA approved revisions	Textron Lycoming	IO-320-B1A, -B1B O-320-B1A, -B1B, -B2A, -B2B, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C3A, -C3B, -C3C, -D1A, -D1B, -D2A, -D2B, -D2C (Eligible only for engine models using Superior Cylinder Assembly P/N: SL32000N-RB) O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A3A, -A3B, -A3C, -E1A, -E1B, -E2A (Eligible only for engine models using Superior Cylinder Assembly P/N: SL32000NA-RB)

PMA No. PQ60SW Supplement No. 177 Revision No.

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Barrel	SL36030-P30	Modification Part	Test and Computation per 14 CFR § 21.303, Dwg: SL36030, Rev: D, Dated: 05/04/99, or later FAA approved revisions used with Dwg: SL36000W-RB, Rev: A, Dated: 05/04/99, or Dwg: SL36000TW-RB, Rev: None, Dated: 06/28/99, or later FAA approved revisions	Textron Lycoming	AEIO-360-B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A HIO-360-B1A, -B1B IO-360-B1B, -B1BD, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F4A LO-360-A1G6D, -A1H6 LTO-360-A1A6D O-360-A1A, -A1AD, -A1D, -A1F, -A1F6, -A1F6D, -A1G, -A1G6, -A1G6D, -A1H, -A1H6, -A1J, -A1LD, -A2A, -A2D, -A2F, -A2G, -A2H, -A3A, -A3AD, -A3D, -A4A, -A4AD, -A4D, -A4G, -A4J, -A4JD, -A4K, -A4M, -A4N, -A5AD, -B1A, -C1A, -C1C, -C1E, -C1F, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D2A, -F1A6, -G1A6A TO-360-A1A6D AEIO-540-D4A5, -D4B5, -D4C5

PMA No. PQ60SW Supplement No. 177 Revision No.

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
					<p>IO-540-C4A5, -C4B5, -C4B5D, -C4D5D, -D4A5, -D4B5, -D4C5, -N1A5, -N1A5D, -T4A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D</p> <p>O-540-A4D5, -B2B5, -B2C5, -B2C5D, -B4B5, -B4B5D, -E4A5, -E4B5, -E4B5D, -E4C5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H1B5D, -H2A5, -H2A5D, -H2B5D, -J1C5D</p> <p>(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000W-RB)</p> <p>TIO-540-AB1AD, -C1A, -C1AD, -K1AD</p> <p>(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000WL-RB)</p>

PMA No. PQ60SW Supplement No. 177 Revision No.

<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-540-W1A5D, -W3A5D
					O-540-J1A5D, -J2A5D, -J3A5, -J3A5D, -J3C5D
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000TW-RB)
					O-540-L3C5D
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000TWL-RB)

PMA No. PQ60SW Supplement No. 177 Revision No.

PART NAME	PART NUMBER	REPLACEMENT FOR	APPROVAL BASIS AND APPROVED DESIGN DATA	ELIGIBILITY (MAKE)	ELIGIBILITY (MODEL)
Barrel, Narrow-Deck	SL36030N-P30	Modification Part	Test and Computation per 14 CFR § 21.303, Dwg: SL36030N, Rev: E, Dated: 05/04/99, or later FAA approved revisions used with Dwg: SL36000N-RB, Rev: A, Dated: 05/05/99, or later FAA approved revisions	Textron Lycoming	AEIO-360-B1B HO-360-A1A, -B1A, -B1B HIO-540-B1A, -B1B IO-360-B1A, -B1B, -B1C O-360-A1A, -A1C, -A1D, -A2A, -A2E, -A3A, -A3AD, -A3D, -A4A, -B1A, -B1B, -B2A, -B2B, -D1A, -D2A, -D2B, -C1A, -C1C, -C1G, -C2A, -C2B, -C2C, -C2D O-540-A1A, -A1A5, -A1B5, -A1C5, -A1D, -A1D5, -A2B, -A3D5, -A4A5, -A4B5, -A4C5, -A4D5, -B1A5, -B1B5, -B1D5, -B2A5, -B2B5, -B2C5, -B2C5D, -B4A5, -B4B5, -B4B5D, -E4A5, -E4B5, -E4C5, -F1A5, -F1B5, -G1A5, -G2A5 IO-540-C1B5, -C1C5, -C2C, -C4B5, -C4B5D, -C4C5, -D4A5, -D4B5, -N1A5, -N1A5D

PMA No. PQ60SW Supplement No. 177 Revision No.

<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>
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000N-RB)
					IO-540-J4A5, -R1A5
					TIO-540-C1A, -E1A, -G1A
					(Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000NL-RB)

-----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>Ed Cuevas</u>	<u>6/2/2000</u>	<u>for James L. Witten</u>	<u>7/5/00</u>
Edwin G. Cuevas Project Engineer, Special Certification Office, ASW-190	Date	Vaughn N. Schmitt Manager, Manufacturing Inspection District Office, SW MIDO-42	Date

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