

FAA - PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

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

**PMA No. PQ60SW
Supplement No. 167
Revision No. 1
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-P15 | 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 |

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|------------------|--------------------|------------------------|--|---------------------------|--|
| | | | | | (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) |

| <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, Narrow-Deck | SL32030N-P15 | 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) |

| <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 | SL36030-P15 | 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 | <p>AEIO-360-B1B, -B1D, -B1F, -B1F6, -B1G6, -B2F, -B2F6, -B4A, -H1A</p> <p>HIO-360-B1A, -B1B</p> <p>IO-360-B1B, -B1BD, -B1D, -B1E, -B1F, -B1F6, -B2E, -B2F, -B2F6, -B4A, -E1A, -F4A</p> <p>LO-360-A1G6D, -A1H6</p> <p>LTO-360-A1A6D</p> <p>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</p> <p>TO-360-A1A6D</p> <p>AEIO-540-D4A5, -D4B5, -D4C5</p> |

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|------------------|--------------------|------------------------|--|---------------------------|---|
| | | | | | IO-540-C4A5, -C4B5, -C4B5D, -C4D5D, -D4A5, -D4B5, -D4C5, -N1A5, -N1A5D, -T4A5, -T4A5D, -T4B5D, -T4C5D, -V4A5D |
| | | | | | O-540-A4D5, -B2B5, -B2C5, -B2C5D, -B4B5, -B4B5D, -E4A5, -E4B5, -E4B5D, -E4C5, -G1A5, -G1A5D, -G2A5, -H1A5, -H1A5D, -H1B5, -H1B5D, -H2A5, -H2A5D, -H2B5D, -J1C5D |
| | | | | | (Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000W-RB) |
| | | | | | TIO-540-AB1AD, -C1A, -C1AD, -K1AD |
| | | | | | (Eligible only for engine models using Superior Cylinder Assembly P/N: SL36000WL-RB) |

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| <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) |

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|----------------------------|--------------------|------------------------|--|---------------------------|---|
| Barrel, Narrow- Deck | SL36030N-P15 | 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 |

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|------------------|--------------------|------------------------|--|---------------------------|--|
| | | | | | (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.

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|---|-----------------|---|--------------------|
| <u>Ed Cuevas</u> | <u>6/2/2000</u> | <u>for James R. Watten</u> | <u>JUN 19 2000</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