



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
# 404 Key, Woodruff	KA10-90788-5	Continental 10-90788-5	Test and Computations per 14 CFR 21.303 DWG No: KA10-90788-5 Rev: 1 Date: 7/14/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, A-75-3, -8, -8F, -8J, -8FJ, -9, -9J, C75-12, -12B, -12BF, -12BFH, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, -8, -8F, -8FH, -8FHJ, -8FJ, -8J, C85, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F, -8, -8F, -8FHJ, -8FJ, -8J, C90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, C-125-2, C-145-2, -145-2H, E-165-2, -165-3, -165-4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, E-225-2, -4, -8, -9, IO-240-



U.S. Department
of Transportation
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					A, O-240-A, -D, GO-300-A, -B, - C, -D, -E, -F, O- 300-A, -B, -C, - D, -E, IO-346-A, -B, IO-360-A, -C, -CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO- 360-E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, - LB, -MB, GIO- 470-A, IO-470-C, -D, -E, -F, -G, - H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, O-470-A, -B, -E, -G, -J, -K -L, -M, -P, -R, -S, - U, -2, -4, -7, -7A, -7B, -11, -11B, - 13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520- C, -D, -F, -H, -K, -L, - M, -N, IO- 520-A, -B, -BA, - BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, LTSIO-520-AE, TSIO-520-AE, -



U.S. Department
of Transportation
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					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, IO-550-A, -B, -C, -D, -E, -F, -G, -L, TSIO-550A, -B, TSIOL-550-A, -B, 6-285-B, -C, -CA, 6-320-B
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, -D2C, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, AEIO-320-D1B,



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					-D2B, -E1A, - E1B, -E2A, - E2B, IO-320- A1A, -A2A, - B1A, -B1B, - B1C, -B1D, - B1E, -B2A, - C1A, -C1B, - D1A, -D1B, - D1C, -E1A, - E1B, -E2A, - E2B, -F1A, LIO- 320-B1A, -C1A, O-320-A1A, - A1B, -A2A, - A2B, -A2C, - A2D, -A3A, - A3B, -A3C, - B1A, -B1B, - B2A, -B2B, - B2C, -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, -



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					E2G, -E2H, -E3D, -E3H, O-320-H1AD, -H2AD, -H3AD, O-340-A1A, -A2A, -B1A, AIO-360-A1A, -A1B, -A2A, -A2A, -A2B, -B1B, AEIO-360-A1A, -A1B, A1B6, -A1D, -A1E, -A2A, -A2B, -B1B, -B1F, -B1F6, -B1G6, -B2F, -B4A, -H1A, HIO-360-A1A, -B1A, -B1B, -C1A, -C1B, -D1A, -E1AD, -E1BD, -F1AD, HO-360-A1A, -B1A, -B1B, IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, -A1D6, -A1D6D, -A2A, -A2B, -A2C, -A3B6D, -B1A, -B1B, -B1C, -B1D, -B1E, -B1F, -B2E, -B2F, -B2F6, -B4A, -C1A, -C1B, -C1C, -C1C6, -C1D6, -



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					C1E6, -C1E6D, - C1F, -D1A, - E1A, -F1A, - J1A6D, -K2A, IVO-360-A1A, LIO-360-A1H6, C1E6, LO-360- A1G6D, - E1A6D, LTO- 360-E1A6D, O- 360-A1A, - A1AD, -A1C, - A1D, A1F, - A1F6, -A1F6D, - A1G, -A1G6. - A1G6D, -A1H, - A1LD, -A1N6, - A2A, -A2D, - A2E, -A2F, - A2G, -A2H, - A3A, -A3AD, - A3D, -A4A, - A4AD, -A4D, - A4G, -A4J, - A4K, -A4M, - A4N, -A5AD, - B1A, -B1B, - B2A, -B2B, - C1A, -C1C, - C1E, -C1F, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - D1A, -D2A, - D2B, -E1A6D, - F1A6, -G1A6, TIO-360-A1A, -



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					A1B, -C1A6D, TO-A1A6D, - C1A6D, - E1A6D, -F1A6D, VO-360-A1A, - A1B, -B1A, GO- 435-C2A, -C2A2, -C2B, C2B1, - C2B2, -C2B26, - C2E, -D1, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -C, -C1, -C2, -K1, TVO-435-A1A, - B1A, -B1B, - C1A, -D1A, - D1B, -E1A, - F1A, -G1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, -B1A, GO- 480-B, -B1A6, - B1B, -B1C, - B1D, -C1B6, - C1D6, -C2C6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F3B6, -F4A6, - F4B6, -F6, - G1A6, -G1B6, - G1D6, -G1H6, - G1J6, -G2D6, - G2F6, GSO-480-



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					A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B1J6, -B2C6, - B2D6, -B2G6, - B2H6, IGO-480- A1A6, -A1B6, IGSO-480-A1A6, -A1B6, -A1C6, - A1D6, -A1E6, - A1F3, -A1F6, O- 480-1, -1A, -3, AEIO-540- D4A5, -D4B5, - L1B5D, HIO- 540-A1A, IGO- 540-A1A, -A1B, -A1C, -B1A, - B1B, -BIC, IGSO-540-A1A, -A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - C4D5D, -D4A5, -D4B5, -D4C5, - E1A5, -E1B5, - E1C5, -G1A5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, -



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					K1A5, -K1A5D, -K1B5, -K1C5, - K1D5, -K1E5, - K1E5D, -K1F5, - K1F5D, -K1G5, - K1G5D, -K1H5, -K1J5, -K1J5D, - K1K5, -L1A5, - L1A5D, -L1B5D, -L1C5, -M1A5, - M1A5D, - M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, - T4A5D, -T4B5D, -T4C5D, - U1A5D, V4A5D, -W1A5D, - W3A5D, - AA1A5, IVO- 540-A1A, LTIO- 540-F2BD, J2B, - J2BD, -N2BD, - R2AD, -U2A, - V2AD, -W2A, O-540-9, -9A, - A1A, -A1A5, - A1B5, -A1C5, - A1D, -A1D5, - A2B, -A3D5, - A4A5, -A4B5, - A4C5, -A4D5, - B1A5, -B1B5, - B1D5, -B2A5, - B2B5, -B2C5, - B4A5, -B4B5, - D1A5, -E4A5, -



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					E4B5, -E4C5, - F1A5, -F1B5, - G1A5, -G2A5, - H1A5, -H1B5D, -H2A5, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J2A5D, -J2B5D, -J2C5D, -J3A5D, -J3C5D, -L3C5D, TIO- 540-A1A, -A1B, -A1C, -A2A, - A2B, -A2C, - C1A, -E1A, - F2BD, -G1A, - H1A, -J2B, - J2BD, -K1AD, - N2BD, -R2AD, - S1AD, -U2A, - V2AD, -W2A, - AA1AD, - AB1AD, -AE2A, -AF1A, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, - B1B3, -B1C, - B1D, -B1E, - B1F, -B1H3, - B2A, -B2C, - B2D, -B2E, - B2G, -C1A, - C1B, -C1C3, - C2A, -C2B, - C2C, TIGO-541- B1A, -D1A, - D1B, -E1A, TIO-



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of Transportation
**Federal Aviation
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					541-A1A, -E1A4, -E1B4, -E1C4, -E1D4, IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B
Washer	KA10-14268	Continental 10-14268	Test and Computations per 14 CFR 21.303 DWG No: KA10-14268 Rev: 1 Date: 7/1/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, A-75-3, -8, -8F, -8J, -8FJ, -9, -9J, C75-12, -12B, -12BF, -12BFH, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, -8, -8F, -8FH, -8FHJ, -8FJ, -8J, C85, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F, -8, -8F, -8FHJ, -8FJ, -8J, C90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -



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**Federal Aviation
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					8FJ, C-125-2, C-145-2, -145-2H, E-165-2, -165-3, -165-4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, E-225-2, -4, -8, -9, IO-240-A, O-240-A, -D, GO-300-A, -B, -C, -D, -E, -F, O-300-A, -B, -C, -D, -E, IO-346-A, -B, IO-360-A, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO-360-E, -EB, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, GIO-470-A, IO-470-C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, O-470-A, -B, -E, -G, -J, -K -L, -M, -P, -R, -S, -U, -2, -4, -7, -7A, -7B, -11, -11B, -13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520-



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					C, -D, -F, -H, -K, -L, -M, -N, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, LTSIO-520-AE, 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, IO-550-A, -B, -C, -D, -E, -F, -G, -L, TSIO-550A, -B, TSIOL-550-A, -B, 6-285-B, -C, -CA, 6-320-B
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A,



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					-P2C, -P3C, O- 290-D, -D2, - D2A, -D2B, - D2C, AIO-320- A1A, -A1B, - A2A, -A2B, - B1B, -C1B , AEIO-320-D1B, -D2B, -E1A, - E1B, -E2A, - E2B, IO-320- A1A, -A2A, - B1A, -B1B, - B1C, -B1D, - B1E, -B2A, - C1A, -C1B, - D1A, -D1B, - D1C, -E1A, - E1B, -E2A, - E2B, -F1A, LIO- 320-B1A, -C1A, O-320-A1A, - A1B, -A2A, - A2B, -A2C, - A2D, -A3A, - A3B, -A3C, - B1A, -B1B, - B2A, -B2B, - B2C, -B3A, - B3B, -B3C, - C1A, -C1B, - C2A, -C2B, - C2C, -C3A, - C3B, -C3C, - D1A, -D1B, - D1C, -D1D, - D1F, -D2A, -



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					D2B, -D2C, - D2F, -D2G, - D2H, -D2J, - D3G, -E1A, - E1B, -E1C, -E1F, -E1J, -E2A, - E2B, -E2C, - E2D, -E2F, - E2G, -E2H, - E3D, -E3H, O- 320-H1AD, - H2AD, -H3AD , O-340-A1A, - A2A, -B1A, AIO-360-A1A, - A1B, -A2A, - A2A, -A2B, - B1B, AEIO-360- A1A, -A1B, A1B6, -A1D, - A1E, -A2A, - A2B, -B1B, - B1F, -B1F6, - B1G6, -B2F, - B4A, -H1A, HIO-360-A1A, - B1A, -B1B, - C1A, -C1B, - D1A, -E1AD, - E1BD, -F1AD, HO-360-A1A, - B1A, -B1B, IO- 360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, - A1D6, -A1D6D, -A2A, -A2B, -



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**Federal Aviation
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FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A2C, -A3B6D, - B1A, -B1B, - B1C, -B1D, - B1E, -B1F, -B2E, -B2F, -B2F6, - B4A, -C1A, - C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1E6D, - C1F, -D1A, - E1A, -F1A, - J1A6D, -K2A, IVO-360-A1A, LIO-360-A1H6, C1E6, LO-360- A1G6D, - E1A6D, LTO- 360-E1A6D, O- 360-A1A, - A1AD, -A1C, - A1D, A1F, - A1F6, -A1F6D, - A1G, -A1G6, - A1G6D, -A1H, - A1LD, -A1N6, - A2A, -A2D, - A2E, -A2F, - A2G, -A2H, - A3A, -A3AD, - A3D, -A4A, - A4AD, -A4D, - A4G, -A4J, - A4K, -A4M, - A4N, -A5AD, - B1A, -B1B, - B2A, -B2B, - C1A, -C1C, -



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

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					C1E, -C1F, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - D1A, -D2A, - D2B, -E1A6D, - F1A6, -G1A6, TIO-360-A1A, - A1B, -C1A6D, TO-A1A6D, - C1A6D, - E1A6D, -F1A6D, VO-360-A1A, - A1B, -B1A, GO- 435-C2A, -C2A2, -C2B, C2B1, - C2B2, -C2B26, - C2E, -D1, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -C, -C1, -C2, -K1, TVO-435-A1A, - B1A, -B1B, - C1A, -D1A, - D1B, -E1A, - F1A, -G1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, -B1A, GO- 480-B, -B1A6, - B1B, -B1C, - B1D, -C1B6, - C1D6, -C2C6, - C2D6, -C2E6, - D1A, -E1A6, -



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

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					F1A6, -F2A6, - F2D6, -F3A6, - F3B6, -F4A6, - F4B6, -F6, - G1A6, -G1B6, - G1D6, -G1H6, - G1J6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B1J6, -B2C6, - B2D6, -B2G6, - B2H6, IGO-480- A1A6, -A1B6, IGSO-480-A1A6, -A1B6, -A1C6, - A1D6, -A1E6, - A1F3, -A1F6, O- 480-1, -1A, -3, AEIO-540- D4A5, -D4B5, - L1B5D, HIO- 540-A1A, IGO- 540-A1A, -A1B, -A1C, -B1A, - B1B, -BIC, IGSO-540-A1A, -A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					C2C, -C4B5, - C4D5D, -D4A5, -D4B5, -D4C5, - E1A5, -E1B5, - E1C5, -G1A5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, - K1A5, -K1A5D, -K1B5, -K1C5, - K1D5, -K1E5, - K1E5D, -K1F5, - K1F5D, -K1G5, - K1G5D, -K1H5, -K1J5, -K1J5D, - K1K5, -L1A5, - L1A5D, -L1B5D, -L1C5, -M1A5, - M1A5D, - M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, - T4A5D, -T4B5D, -T4C5D, - U1A5D, V4A5D, -W1A5D, - W3A5D, - AA1A5, IVO- 540-A1A, LTIO- 540-F2BD, J2B, - J2BD, -N2BD, - R2AD, -U2A, - V2AD, -W2A, O-540-9, -9A, - A1A, -A1A5, - A1B5, -A1C5, - A1D, -A1D5, -



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**Federal Aviation
Administration**

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					A2B, -A3D5, - A4A5, -A4B5, - A4C5, -A4D5, - B1A5, -B1B5, - B1D5, -B2A5, - B2B5, -B2C5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -E4C5, - F1A5, -F1B5, - G1A5, -G2A5, - H1A5, -H1B5D, -H2A5, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J2A5D, -J2B5D, -J2C5D, -J3A5D, -J3C5D, -L3C5D, TIO- 540-A1A, -A1B, -A1C, -A2A, - A2B, -A2C, - C1A, -E1A, - F2BD, -G1A, - H1A, -J2B, - J2BD, -K1AD, - N2BD, -R2AD, - S1AD, -U2A, - V2AD, -W2A, - AA1AD, - AB1AD, -AE2A, -AF1A, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, - B1B3, -B1C, - B1D, -B1E, - B1F, -B1H3, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					B2A, -B2C, - B2D, -B2E, - B2G, -C1A, - C1B, -C1C3, - C2A, -C2B, - C2C, TIGO-541- B1A, -D1A, - D1B, -E1A, TIO- 541-A1A, -E1A4, -E1B4, -E1C4, - E1D4, IO-720- A1A, -A1B, - A1BD, -B1A, - B1B, -B1BD, - C1B
Washer, Nylon	KA10- 391309	Continental 10-391309	Test and Computations per 14 CFR 21.303 DWG No: KA10- 391309 Rev: 1 Date: 7/1/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, - 12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, - 7, -8, -8F, -8FJ, - 8J, -9, -9F, -9FJ, -9J, A-75-3, -8, - 8F, -8J, -8FJ, -9, -9J, C75-12, - 12B, -12BF, - 12BFH, -12F, - 12FH, -12FHJ, - 12FJ, -12J, -15, - 15F, -8, -8F, - 8FH, -8FHJ, - 8FJ, -8J, C85, - 12, -12F, -12FH, -12FHJ, -12FJ, - 12J, -14F, -15, - 15F, -8, -8F, - 8FHJ, -8FJ, -8J,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					C90-12F, -12FH, -12FJ, -12FP, - 14F, -14FH, - 14FJ, -16F, -8F, - 8FJ, -12F, -12FH, -12FJ, -12FP, - 14F, -14FH, - 14FJ, -16F, -8F, - 8FJ, C-125-2, C- 145-2, -145-2H, E-165-2, -165-3, -165-4, E-185-1, -2, -3, -5, -8, -9, - 10, -11, O-200-A, -B, -C, E-225-2, - 4, -8, -9, IO-240- A, O-240-A, -D, GO-300-A, -B, - C, -D, -E, -F, O- 300-A, -B, -C, - D, -E, IO-346-A, -B, IO-360-A, -C, -CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO- 360-E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, - LB, -MB, GIO- 470-A, IO-470-C, -D, -E, -F, -G, - H, -J, -K, -L, -M, -N, -P, -R, -S, -U,



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of Transportation
**Federal Aviation
Administration**

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					-V, O-470-A, -B, -E, -G, -J, -K -L, -M, -P, -R, -S, - U, -2, -4, -7, -7A, -7B, -11, -11B, - 13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520- C, -D, -F, -H, -K, -L, - M, -N, IO- 520-A, -B, -BA, - BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, LTSIO-520-AE, 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, IO-550-A, -B, -C, -D, -E, -F, -G, -L, TSIO- 550A, -B, TSIOL-550-A, - B, 6-285-B, -C, - CA, 6-320-B



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**Federal Aviation
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				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2B, -C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, -F2B, -G1, -G1B, -G2A, -G2B, -H2C, -J2A, -J2B, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, -D2C, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, AEIO-320-D1B, -D2B, -E1A, -E1B, -E2A, -E2B, IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B1D, -B1E, -B2A, -C1A, -C1B, -D1A, -D1B, -D1C, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320-B1A, -C1A, O-320-A1A, -A1B, -A2A, -



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of Transportation
**Federal Aviation
Administration**

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					A2B, -A2C, - A2D, -A3A, - A3B, -A3C, - B1A, -B1B, - B2A, -B2B, - B2C, -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, O- 320-H1AD, - H2AD, -H3AD, - O-340-A1A, - A2A, -B1A, - AIO-360-A1A, - A1B, -A2A, - A2A, -A2B, - B1B, AEIO-360- A1A, -A1B, - A1B6, -A1D, - A1E, -A2A, - A2B, -B1B, - B1F, -B1F6, -



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

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					B1G6, -B2F, - B4A, -H1A, HIO-360-A1A, - B1A, -B1B, - C1A, -C1B, - D1A, -E1AD, - E1BD, -F1AD, HO-360-A1A, - B1A, -B1B, IO- 360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, - A1D6, -A1D6D, -A2A, -A2B, - A2C, -A3B6D, - B1A, -B1B, - B1C, -B1D, - B1E, -B1F, -B2E, -B2F, -B2F6, - B4A, -C1A, - C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1E6D, - C1F, -D1A, - E1A, -F1A, - J1A6D, -K2A, IVO-360-A1A, LIO-360-A1H6, C1E6, LO-360- A1G6D, - E1A6D, LTO- 360-E1A6D, O- 360-A1A, - A1AD, -A1C, - A1D, A1F, - A1F6, -A1F6D, - A1G, -A1G6. -



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of Transportation
**Federal Aviation
Administration**

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					A1G6D, -A1H, - A1LD, -A1N6, - A2A, -A2D, - A2E, -A2F, - A2G, -A2H, - A3A, -A3AD, - A3D, -A4A, - A4AD, -A4D, - A4G, -A4J, - A4K, -A4M, - A4N, -A5AD, - B1A, -B1B, - B2A, -B2B, - C1A, -C1C, - C1E, -C1F, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - D1A, -D2A, - D2B, -E1A6D, - F1A6, -G1A6, TIO-360-A1A, - A1B, -C1A6D, TO-A1A6D, - C1A6D, - E1A6D, -F1A6D, VO-360-A1A, - A1B, -B1A, GO- 435-C2A, -C2A2, -C2B, C2B1, - C2B2, -C2B26, - C2E, -D1, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -C, -C1, -C2, -K1, TVO-435-A1A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					B1A, -B1B, - C1A, -D1A, - D1B, -E1A, - F1A, -G1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, -B1A, GO- 480-B, -B1A6, - B1B, -B1C, - B1D, -C1B6, - C1D6, -C2C6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F3B6, -F4A6, - F4B6, -F6, - G1A6, -G1B6, - G1D6, -G1H6, - G1J6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B1J6, -B2C6, - B2D6, -B2G6, - B2H6, IGO-480- A1A6, -A1B6, IGSO-480-A1A6, -A1B6, -A1C6, - A1D6, -A1E6, - A1F3, -A1F6, O- 480-1, -1A, -3, AEIO-540-



U.S. Department
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**Federal Aviation
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					D4A5, -D4B5, - L1B5D, HIO- 540-A1A, IGO- 540-A1A, -A1B, -A1C, -B1A, - B1B, -BIC, IGSO-540-A1A, -A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - C4D5D, -D4A5, -D4B5, -D4C5, - E1A5, -E1B5, - E1C5, -G1A5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, - K1A5, -K1A5D, -K1B5, -K1C5, - K1D5, -K1E5, - K1E5D, -K1F5, - K1F5D, -K1G5, - K1G5D, -K1H5, -K1J5, -K1J5D, - K1K5, -L1A5, - L1A5D, -L1B5D, -L1C5, -M1A5, - M1A5D, - M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, - T4A5D, -T4B5D,



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**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-T4C5D, - U1A5D, V4A5D, -W1A5D, - W3A5D, - AA1A5, IVO- 540-A1A, LTIO- 540-F2BD, J2B, - J2BD, -N2BD, - R2AD, -U2A, - V2AD, -W2A, O-540-9, -9A, - A1A, -A1A5, - A1B5, -A1C5, - A1D, -A1D5, - A2B, -A3D5, - A4A5, -A4B5, - A4C5, -A4D5, - B1A5, -B1B5, - B1D5, -B2A5, - B2B5, -B2C5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -E4C5, - F1A5, -F1B5, - G1A5, -G2A5, - H1A5, -H1B5D, -H2A5, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J2A5D, -J2B5D, -J2C5D, -J3A5D, -J3C5D, -L3C5D, TIO- 540-A1A, -A1B, -A1C, -A2A, - A2B, -A2C, - C1A, -E1A, - F2BD, -G1A, -



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

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					H1A, -J2B, - J2BD, -K1AD, - N2BD, -R2AD, - S1AD, -U2A, - V2AD, -W2A, - AA1AD, - AB1AD, -AE2A, -AF1A, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, - B1B3, -B1C, - B1D, -B1E, - B1F, -B1H3, - B2A, -B2C, - B2D, -B2E, - B2G, -C1A, - C1B, -C1C3, - C2A, -C2B, - C2C, TIGO-541- B1A, -D1A, - D1B, -E1A, TIO- 541-A1A, -E1A4, -E1B4, -E1C4, - E1D4, IO-720- A1A, -A1B, - A1BD, -B1A, - B1B, -B1BD, - C1B



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

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
Pin, Cotter	KA10-90751-18	Continental 10-90751-18	Test and Computations per 14 CFR 21.303 DWG No: KA10-90751-18 Rev: 1 Date: 7/1/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, A-75-3, -8, -8F, -8J, -8FJ, -9, -9J, C75-12, -12B, -12BF, -12BFH, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, -8, -8F, -8FH, -8FHJ, -8FJ, -8J, C85, -12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F, -8, -8F, -8FHJ, -8FJ, -8J, C90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, C-125-2, C-145-2, -145-2H, E-165-2, -165-3, -165-4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, E-225-2, -4, -8, -9, IO-240-



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

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
					A, O-240-A, -D, GO-300-A, -B, - C, -D, -E, -F, O- 300-A, -B, -C, - D, -E, IO-346-A, -B, IO-360-A, -C, -CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO- 360-E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, - LB, -MB, GIO- 470-A, IO-470-C, -D, -E, -F, -G, - H, -J, -K, -L, -M, -N, -P, -R, -S, -U, -V, O-470-A, -B, -E, -G, -J, -K -L, -M, -P, -R, -S, - U, -2, -4, -7, -7A, -7B, -11, -11B, - 13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520- C, -D, -F, -H, -K, -L, - M, -N, IO- 520-A, -B, -BA, - BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, LTSIO-520-AE, TSIO-520-AE, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					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, IO-550-A, -B, -C, -D, -E, -F, -G, -L, TSIO- 550A, -B, TSIOL-550-A, - B, 6-285-B, -C, - CA, 6-320-B
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, - C2A, -C2B, - C2C, -E1, -E1B, -E2A, -E2B, -F1, -F1B, -F2A, - F2B, -G1, -G1B, -G2A, -G2B, - H2C, -J2A, -J2B, -K2A, -K2B, - K2C, -L2A, - L2C, -M1, -M2C, -M3C, -N2A, - N2C, -P1, -P2A, -P2C, -P3C, O- 290-D, -D2, - D2A, -D2B, - D2C, AIO-320- A1A, -A1B, - A2A, -A2B, - B1B, -C1B, - AEIO-320-D1B,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					-D2B, -E1A, - E1B, -E2A, - E2B, IO-320- A1A, -A2A, - B1A, -B1B, - B1C, -B1D, - B1E, -B2A, - C1A, -C1B, - D1A, -D1B, - D1C, -E1A, - E1B, -E2A, - E2B, -F1A, LIO- 320-B1A, -C1A, O-320-A1A, - A1B, -A2A, - A2B, -A2C, - A2D, -A3A, - A3B, -A3C, - B1A, -B1B, - B2A, -B2B, - B2C, -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, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Supplement No.: 82
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					E2G, -E2H, - E3D, -E3H, O- 320-H1AD, - H2AD, -H3AD , O-340-A1A, - A2A, -B1A, AIO-360-A1A, - A1B, -A2A, - A2A, -A2B, - B1B, AEIO-360- A1A, -A1B, A1B6, -A1D, - A1E, -A2A, - A2B, -B1B, - B1F, -B1F6, - B1G6, -B2F, - B4A, -H1A, HIO-360-A1A, - B1A, -B1B, - C1A, -C1B, - D1A, -E1AD, - E1BD, -F1AD, HO-360-A1A, - B1A, -B1B, IO- 360-A1A, -A1B, -A1B6, -A1B6D, -A1C, -A1D, - A1D6, -A1D6D, -A2A, -A2B, - A2C, -A3B6D, - B1A, -B1B, - B1C, -B1D, - B1E, -B1F, -B2E, -B2F, -B2F6, - B4A, -C1A, - C1B, -C1C, - C1C6, -C1D6, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					C1E6, -C1E6D, - C1F, -D1A, - E1A, -F1A, - J1A6D, -K2A, IVO-360-A1A, LIO-360-A1H6, C1E6, LO-360- A1G6D, - E1A6D, LTO- 360-E1A6D, O- 360-A1A, - A1AD, -A1C, - A1D, A1F, - A1F6, -A1F6D, - A1G, -A1G6. - A1G6D, -A1H, - A1LD, -A1N6, - A2A, -A2D, - A2E, -A2F, - A2G, -A2H, - A3A, -A3AD, - A3D, -A4A, - A4AD, -A4D, - A4G, -A4J, - A4K, -A4M, - A4N, -A5AD, - B1A, -B1B, - B2A, -B2B, - C1A, -C1C, - C1E, -C1F, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - D1A, -D2A, - D2B, -E1A6D, - F1A6, -G1A6, TIO-360-A1A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					A1B, -C1A6D, TO-A1A6D, - C1A6D, - E1A6D, -F1A6D, VO-360-A1A, - A1B, -B1A, GO- 435-C2A, -C2A2, -C2B, C2B1, - C2B2, -C2B26, - C2E, -D1, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -C, -C1, -C2, -K1, TVO-435-A1A, - B1A, -B1B, - C1A, -D1A, - D1B, -E1A, - F1A, -G1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, -B1A, GO- 480-B, -B1A6, - B1B, -B1C, - B1D, -C1B6, - C1D6, -C2C6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F3B6, -F4A6, - F4B6, -F6, - G1A6, -G1B6, - G1D6, -G1H6, - G1J6, -G2D6, - G2F6, GSO-480-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
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					A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B1J6, -B2C6, - B2D6, -B2G6, - B2H6, IGO-480- A1A6, -A1B6, IGSO-480-A1A6, -A1B6, -A1C6, - A1D6, -A1E6, - A1F3, -A1F6, O- 480-1, -1A, -3, AEIO-540- D4A5, -D4B5, - L1B5D, HIO- 540-A1A, IGO- 540-A1A, -A1B, -A1C, -B1A, - B1B, -BIC, IGSO-540-A1A, -A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - C4D5D, -D4A5, -D4B5, -D4C5, - E1A5, -E1B5, - E1C5, -G1A5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, -



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

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					K1A5, -K1A5D, -K1B5, -K1C5, - K1D5, -K1E5, - K1E5D, -K1F5, - K1F5D, -K1G5, - K1G5D, -K1H5, -K1J5, -K1J5D, - K1K5, -L1A5, - L1A5D, -L1B5D, -L1C5, -M1A5, - M1A5D, - M2A5D, -N1A5, -N1A5D, -P1A5, -R1A5, -S1A5, - T4A5D, -T4B5D, -T4C5D, - U1A5D, V4A5D, -W1A5D, - W3A5D, - AA1A5, IVO- 540-A1A, LTIO- 540-F2BD, J2B, - J2BD, -N2BD, - R2AD, -U2A, - V2AD, -W2A, O-540-9, -9A, - A1A, -A1A5, - A1B5, -A1C5, - A1D, -A1D5, - A2B, -A3D5, - A4A5, -A4B5, - A4C5, -A4D5, - B1A5, -B1B5, - B1D5, -B2A5, - B2B5, -B2C5, - B4A5, -B4B5, - D1A5, -E4A5, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					E4B5, -E4C5, - F1A5, -F1B5, - G1A5, -G2A5, - H1A5, -H1B5D, -H2A5, -H2B5D, -J1A5D, -J1B5D, -J1C5D, -J2A5D, -J2B5D, -J2C5D, -J3A5D, -J3C5D, -L3C5D, TIO- 540-A1A, -A1B, -A1C, -A2A, - A2B, -A2C, - C1A, -E1A, - F2BD, -G1A, - H1A, -J2B, - J2BD, -K1AD, - N2BD, -R2AD, - S1AD, -U2A, - V2AD, -W2A, - AA1AD, - AB1AD, -AE2A, -AF1A, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, - B1B3, -B1C, - B1D, -B1E, - B1F, -B1H3, - B2A, -B2C, - B2D, -B2E, - B2G, -C1A, - C1B, -C1C3, - C2A, -C2B, - C2C, TIGO-541- B1A, -D1A, - D1B, -E1A, TIO-



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

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
					541-A1A, -E1A4, -E1B4, -E1C4, -E1D4, IO-720-A1A, -A1B, -A1BD, -B1A, -B1B, -B1BD, -C1B
Pin, Cotter	KA10-90751-19	Continental 10-90751-19	Test and Computations per 14 CFR 21.303 DWG No: KA10-90751-19 Rev: 1 Date: 7/1/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, A-75-3, -8, -8F, -8J, -8FJ, C75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, C85, -8, -8F, -8FHJ, -8FJ, -8J, C90-8F, -8FJ,
Washer	KA10-606505	Continental 10-606505	Test and Computations per 14 CFR 21.303 DWG No: KA10-90751-19 Rev: 1 Date: 7/1/14 or a later FAA-approved revision	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, A-75-3, -8, -8F, -8J, -8FJ, -9, -9J, C75-12, -12B, -12BF, -12BFH, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, -8, -8F, -8FH, -8FHJ, -8FJ, -8J, C85, -



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

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					12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14F, -15, -15F, -8, -8F, -8FHJ, -8FJ, -8J, C90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, -12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, -8F, -8FJ, C-125-2, C-145-2, -145-2H, E-165-2, -165-3, -165-4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, E-225-2, -4, -8, -9, IO-240-A, O-240-A, -D, GO-300-A, -B, -C, -D, -E, -F, O-300-A, -B, -C, -D, -E, IO-360-A, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO-360-E, -EB, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, GIO-



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FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					470-A, IO-470-C, -D, -E, -F, -G, -H, -L, -M, -N, -P, -R, -S, -U, -V, O-470-A, -B, -E, -G, -J, -K, -L, -M, -P, -2, -4, -7, -7A, -7B, -11, -11B, -13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520-C, IO-520-A, -B, -BA, -BB, -D, -E, -F, -K, -M, -MB, TSIO-520-B, -BB, -BE, -E, -EB, -VB, IO-550-A, -F, TSIO-550A, -B
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2C, -E1, -E1B, -E2A, -F1, -F1B, -F2A, -G1, -G1B, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, -D2C, AEIO-320-E1A, -E2A, -E2B, IO-320-



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of Transportation
**Federal Aviation
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					A1A, -A2A, - B1A, -B1B, - B1C, -B2A, - C1A, -C1B, - E1A, -E1B, - E2A, -E2B, - F1A, LIO-320- B1A, -C1A, O- 320-A1A, -A1B, -A2A, -A2B, - A2C, -A2D, - A3A, -A3B, - A3C, -B1A, - B1B, -B2A, - B2B, -B2C, - B3A, -B3B, - B3C, -C1A, - C1B, -C2A, - C2B, -C2C, - C3A, -C3B, - C3C, -D1A, - D1B, -D1D, - D2A, -D2B, - D2G, -D2H, - D2J, -D3G, - E1A, -E1B, - E2A, -E2B, - E2D, -E2G, - E2H, -E3D, - E3H, O-340- A1A, -A2A, - B1A, AEIO-360- A1A, -A1D, - A1E, -A2A, - B1B, -B4A, - H1A, HIO-360- A1A, -B1A, -



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of Transportation
**Federal Aviation
Administration**

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					B1B, -C1A, HO-360-A1A, -B1A, -B1B, IO-360-A1A, -A1C, -A1D, -A2A, -B1A, -B1B, -B1C, -B1D, -B4A, -C1A, -K2A, IVO-360-A1A, O-360-A1A, -A1C, -A1D, -A1H, -A1N6, -A2A, -A2D, -A2E, -A2H, -A3A, -A3D, -A4A, -A4D, -A4J, -A4K, -A4M, -A4N, -B1A, -B1B, -B2A, -B2B, -C1A, -C1C, -C1E, -C1G, -C2A, -C2B, -C2C, -C2D, -C2E, -D1A, -D2A, -D2B, -F1A6, -G1A6, VO-360-A1A, -A1B, -B1A, GO-435-C2A, C2A2, -C2B, C2B1, -C2B2, -C2B26, -C2E, -D1, O-435-6, -6A, -23, -23A, -23B, -25, -25A, -A, -A2, -C,



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of Transportation
**Federal Aviation
Administration**

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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
					-C1, -C2, -K1, TVO-435-A1A, - B1A, -C1A, - D1B, -E1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, GO-480-B, -B1A6, -B1B, - B1C, -B1D, - C1B6, -C1D6, - C2C6, -C2D6, - C2E6, -D1A, - E1A6, -F1A6, - F2A6, -F2D6, - F3A6, -F3B6, - F4A6, -F4B6, - F6, -G1A6, - G1B6, -G1D6, - G1H6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B2C6, -B2D6, - B2G6, -B2H6, IGO-480-A1B6, IGSO-480-A1A6, -A1B6, -A1E6, - A1F3, -A1F6, O- 480 -3, AEIO- 540-D4A5, IGO- 540-A1A, -A1B, -B1A, -B1B, - BIC, IO-540-



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**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - D4A5, -E1A5, - K1C5, -K1D5, - N1A5, IVO-540- A1A, O-540-9, - 9A, -A1A, - A1A5, -A1B5, - A1C5, -A1D, - A1D5, -A2B, - A3D5, -A4A5, - A4B5, -A4C5, - A4D5, -B1A5, - B1B5, -B1D5, - B2A5, -B2B5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -F1A5, - F1B5, -H1A5, - H2A5, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, - B1B3, -B1C, - B1D, -B1E, - B1F, -B2A, - B2C, -B2D, - B2E, -C1A, - C1B, -C1C3, - C2A, -C2B
Screw	KA10-35937-8	Continental 10-35937-8	Test and Computations per 14 CFR 21.303 DWG No: KA10-35937-8	Continental Aerospace Technologies	A-65-1, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, -3, -6, -6J, -



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

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
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Rev: 1
Date: 7/1/14 or a later
FAA-approved revision

7, -8, -8F, -8FJ, -
8J, -9, -9F, -9FJ,
-9J, A-75-3, -8, -
8F, -8J, -8FJ, -9,
-9J, C75-12, -
12B, -12BF, -
12BFH, -12F, -
12FH, -12FHJ, -
12FJ, -12J, -15, -
15F, -8, -8F, -
8FH, -8FHJ, -
8FJ, -8J, C85, -
12, -12F, -12FH,
-12FHJ, -12FJ, -
12J, -14F, -15, -
15F, -8, -8F, -
8FHJ, -8FJ, -8J,
C90-12F, -12FH,
-12FJ, -12FP, -
14F, -14FH, -
14FJ, -16F, -8F, -
8FJ, -12F, -12FH,
-12FJ, -12FP, -
14F, -14FH, -
14FJ, -16F, -8F, -
8FJ, C-125-2, C-
145-2, -145-2H,
E-165-2, -165-3,
-165-4, E-185-1,
-2, -3, -5, -8, -9, -
10, -11, O-200-A,
-B, -C, E-225-2, -
4, -8, -9, IO-240-
A, O-240-A, -D,
GO-300-A, -B, -
C, -D, -E, -F, O-
300-A, -B, -C, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					D, -E, IO-360-A, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO- 360-E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, - LB, -MB, GIO- 470-A, IO-470-C, -D, -E, -F, -G, -H , -L, -M, -N, -P, - R, -S, -U, -V, O- 470-A, -B, -E, - G, -J, -K -L, -M, -P, -2, -4, -7, -7A, -7B, -11, -11B, - 13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520- C, IO-520-A, -B, -BA, -BB, -D, -E, -F, -K, -M, -MB, TSIO-520-B, - BB, -BE, -E, - EB, -VB, IO- 550-A, -F, TSIO- 550A, -B Lycoming Engines O-235-C1, -C1A, -C1B, -C1C, - C2A, -C2C, -E1, -E1B, -E2A, -F1, -F1B, -F2A, -G1,



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of Transportation
**Federal Aviation
Administration**

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					-G1B, -G2A, - H2C, -J2A, - K2A, -K2C, - L2A, -L2C, -M1, -M2C, -M3C, - N2A, -N2C, -P1, -P2A, -P2C, - P3C, O-290-D, - D2, -D2A, -D2B, -D2C, AEIO- 320-E1A, -E2A, - E2B, IO-320- A1A, -A2A, - B1A, -B1B, - B1C, -B2A, - C1A, -C1B, - E1A, -E1B, - E2A, -E2B, - F1A, LIO-320- B1A, -C1A, O- 320-A1A, -A1B, -A2A, -A2B, - A2C, -A2D, - A3A, -A3B, - A3C, -B1A, - B1B, -B2A, - B2B, -B2C, - B3A, -B3B, - B3C, -C1A, - C1B, -C2A, - C2B, -C2C, - C3A, -C3B, - C3C, -D1A, - D1B, -D1D, - D2A, -D2B, - D2G, -D2H, - D2J, -D3G, -



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

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					E1A, -E1B, - E2A, -E2B, - E2D, -E2G, - E2H, -E3D, - E3H, O-340- A1A, -A2A, - B1A, AEIO-360- A1A, -A1D, - A1E, -A2A, - B1B, -B4A, - H1A, HIO-360- A1A, -B1A, - B1B, -C1A, HO- 360-A1A, -B1A, -B1B, IO-360- A1A, -A1C, - A1D, -A2A, - B1A, -B1B, - B1C, -B1D, - B4A, -C1A, - K2A, IVO-360- A1A, O-360- A1A, -A1C, - A1D, -A1H, - A1N6, -A2A, - A2D, -A2E, - A2H, -A3A, - A3D, -A4A, - A4D, -A4J, - A4K, -A4M, - A4N, -B1A, - B1B, -B2A, - B2B, -C1A, - C1C, -C1E, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, -



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**Federal Aviation
Administration**

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					D1A, -D2A, - D2B, -F1A6, - G1A6, VO-360- A1A, -A1B, - B1A, GO-435- C2A, C2A2, - C2B, C2B1, - C2B2, -C2B26, - C2E, -D1, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -C, -C1, -C2, -K1, TVO-435-A1A, - B1A, -C1A, - D1B, -E1A, - G1B, VO-435- A1B, -A1C, - A1D, -A1E, - A1F, GO-480-B, -B1A6, -B1B, - B1C, -B1D, - C1B6, -C1D6, - C2C6, -C2D6, - C2E6, -D1A, - E1A6, -F1A6, - F2A6, -F2D6, - F3A6, -F3B6, - F4A6, -F4B6, - F6, -G1A6, - G1B6, -G1D6, - G1H6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, -



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of Transportation
**Federal Aviation
Administration**

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					B1F6, -B1G6, - B2C6, -B2D6, - B2G6, -B2H6, IGO-480-A1B6, IGSO-480-A1A6, -A1B6, -A1E6, - A1F3, -A1F6, O- 480 -3, AEIO- 540-D4A5, IGO- 540-A1A, -A1B, -B1A, -B1B, - BIC, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - D4A5, -E1A5, - K1C5, -K1D5, - N1A5, IVO-540- A1A, O-540-9, - 9A, -A1A, - A1A5, -A1B5, - A1C5, -A1D, - A1D5, -A2B, - A3D5, -A4A5, - A4B5, -A4C5, - A4D5, -B1A5, - B1B5, -B1D5, - B2A5, -B2B5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -F1A5, - F1B5, -H1A5, - H2A5, TIVO- 540-A2A, VO- 540-A1A, -A2A, -B1A, -B1B, -



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of Transportation
**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					B1B3, -B1C, - B1D, -B1E, - B1F, -B2A, - B2C, -B2D, - B2E, -C1A, - C1B, -C1C3, - C2A, -C2B
Coupling, Impulse	ES10-400302	Continental 10-400302	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400302 <u>Rev:</u> B <u>Date:</u> 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	A-65, -75, C-75-8, C-85-8, C-90-8 LIO-320-B1A, C1A
Coupling, Impulse	ES10-400303	Continental 10-400303	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400303 <u>Rev:</u> B <u>Date:</u> 5/12/23 or later FAA-approved revisions	Franklin Engines	6V4-178-B3, -B32, -B33, 6V4-200-32, -33, 6V-335-A1A, -A1B, 6VS-335-A, -A1, -B, -B1
Coupling, Impulse	ES10-400305	Continental 10-400305	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400305 <u>Rev:</u> B <u>Date:</u> 5/12/23 or later FAA-approved revisions	Lycoming Engines	O-435-6, -6A, -23, -23A, -23B, VO-435-A1B, -A1C, -A1D, GO-480-D1A, -G1B6, GSO-480-A1A6, -A1C6, -A2A6, B1A6, -B1B3, -B1B6, -B1C6, -B2C6, -B2D6, IGSO-480-A1A6, O-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					480-3, IVO-540-A1A, VO-540-A1A, -A2A, -B1A, -B1E, -B2A, -B2E, -C1B, -C2B
Coupling, Impulse	ES10-400306	Continental 10-400306	Test and Computations per 14 CFR 21.303 DWG No: ES10-400306 Rev: B Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	GO-300-A, -B, -C, -D, -E, -F
Coupling, Impulse	ES10-400307	Continental 10-400307	Test and Computations per 14 CFR 21.303 DWG No: ES10-400307 Rev: B Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	LTSIO-360-E, -EB, -KB, IO-470-C, -E, -F, -G, -H, -P, -R, O-470-B, -E, -G, -J, -K, -L, -M, -P, -R, -2, TSIO-470-B, -C, -D, IO-520-A, -BA, -BB, -D, -F, -K, TSIO-520-BE, IO-550-F, -G, TSIO-550-A, -B
Coupling, Impulse	ES10-400308	Continental 10-400308	Test and Computations per 14 CFR 21.303 DWG No: ES10-400308 Rev: B Date: 1/19/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-J, -K, -L, -N, -S, O-470-R, -S, -U, IO-520-A, -BA, -BB, -C, -CB, -D, -F, -J, -L, TSIO-520-AE, -AF, -C, -CE, -D, -DB, -G, -H, -M,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
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Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-P, -R, -T, -UB, IO-550-C, -D, -E, -L, TSIOL-550-B
Coupling, Impulse	ES10-400309	Continental 10-400309	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400309 Rev: B Date: 3/24/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-J, -K, -L, -N, -S, O-470-R, -S, -U, IO-520-A, -BA, -BB, -C, - CB, -D, -F, -J, -L, TSIO-520-AE, - AF, -C, -CE, -D, -DB, -G, -H, -M, -P, -R, -T, -UB, IO-550-C, -D, -E, -L, TSIOL-550-B
				Lycoming Engines	LIO-360-A1H6, - C1E6
Coupling, Impulse	ES10-400312	Continental 10-400312	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400312 Rev: B Date: 1/20/23 or later FAA-approved revisions	Lycoming Engines	LIO-360 -C1E6
Coupling, Impulse	ES10-400313	Continental 10-400312	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400313 Rev: C Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	C-75-12, -15, C- 85-12, -14, -15, C-90-12, -14, - 16, O-200-A, -B, -C, IO-240-A, O- 240-A, -D



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Lycoming Engines	O-235-C1, -C1A, -C1C, -C2A, -C2C, -E1, -E2A, -F1, -F2A, -G1, -G2A, -H2C, -J2A, -M2C, -M3C, -N2C, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, -D2C, AEIO-320-E1A, -E1B, -E2A, -E2B, IO-320-B1A, -B1B, -B1C, -B2A, -C1A, -C1B, -E1A, -E1B, -E2A, -E2B, -F1A, O-320-A1A, -A1B, -A2A, -A2B, -A2D, -A3A, -A3B, -B1A, -B1B, -B2A, -B2B, -B3A, -B3B, -C1A, -C1B, -C2A, -C2B, -C3A, -C3B, -D1A, -D1D, -D2A, -D2G, -D2H, -D2J, -D3G, -E1A, -E2A, -E2D, -E2G, -E2H, -E3D, -E3H, O-340-A1A, -A2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

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					B1A, AEIO-360-B4A, -H1A, IO-360-B4A, O-360-A1A, -A1H, -A1N6, -A2A, -A2H, -A3A, -A4A, -A4D, -A4J, -A4K, -A4M, -A4N, -B1A, -B2A, -C1A, -C1E, -C1G, -C2A, -C2B, -C2E, -D1A, -D2A, -F1A6, -G1A6, VO-360-A1A
Coupling, Impulse	ES10-400314	Continental 10-400314	Test and Computations per 14 CFR 21.303 DWG No: ES10-400314 Rev: B Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	C-125-2, C-145-2, -2H, E-185-1, -2, -3, -5, -8, -9, -10, -11, E-225-2, -4, -8, -9, O-300-A, -B, -C, -D, -E
Coupling, Impulse	ES10-400315	Continental 10-400314	Test and Computations per 14 CFR 21.303 DWG No: ES10-400315 Rev: B Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	E-165-2, -3, -4, E-185-1, -2, -3, -5, -8, -9, -10, -11, E-225-2, -4, -8, -9, O-470-4, -7, -7A, -7B, -11, -11B, -13, 13A, -15
				Lycoming Engines	GO-435-C2A, -C2A2, -C2B, -C2B1, -C2B2, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C2B26, -C2E, - D1, O-435-A, - A2, -C, -C1, -C2, -K1, GO-480-B, - B1A6, -B1B, - B1C, -B1D, - C1B6, -C1D6, - C2C6, -C2D6, - C2E6, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F3B6, -F4A6, - F4B6, -F6, - G1A6, -G1D6, - G1H6, -G2D6, IGO-480-A1B6, IGSO-480-A1F3, -A1F6, IO-540- C2C, O-540- A1A, -A1A5, - A1B5, -A1C5, - A2B, -A4A5, - A4B5, -A4C5, - B1B5, -B2B5, - B4B5, -E4B5, - F1A5, -F1B5, - H1A5, -H2A5
Coupling, Impulse	ES10-400316	Continental 10-400316	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400316 Rev: B Date: 5/12/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-360-A, -C, - CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, TSIO-360- A, -AB, -B, -C, - CB, -D, -DB, -E, -EB, -F, -FB, - GB, -H, -HB, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					JB, -KB, -LB, -MB
Coupling, Impulse	ES10-400317	Continental 10-400317	Test and Computations per 14 CFR 21.303 DWG No: ES10-400317 Rev: B Date: 4/18/22 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	O-200-A, -B, -C O-235-C2B, -E2B, -F2B, -G2B, -J2B, -K2B, AIO-320-A1B, -A2B, -B1B, -C1B, AEIO-320-D1B, -D2B, IO-320-B1E, -D1A, -D1B, -D1C, O-320-D1C, -D1F, -D2C, -D2F, -E1C, -EIF, -E1J, -E2C, -E2F, AIO-360-A2B, AEIO-360-A1B, -A1B6, -B1F, -B1F6, -B1G6, -B2F, IO-360-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A1B, -A1B6, - A2B, -B1E, - B1F, -B2E, -B2F, -B2F6, -C1C, - C1D6, -C1E6, - F1A, O-360-A1F, -A1F6, -A1G, - A1G6, -A2F, - A2G, -A4G, - C1F
Coupling, Impulse	ES10-400318	Continental 10-400318	Test and Computations per 14 CFR 21.303 DWG No: ES10-400318 Rev: B Date: 5/15/23 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4B5, HIO-540-A1A, IO-540-D4B5, -G1C5, -G1D5, -G1F5, -K1A5, -K1B5, -K1E5, -K1G5, -K1H5, -K1K5, -L1A5, -L1C5, O-540-B2C5, -E4C5, -G1A5, -G2A5, TIO-540-E1A, -H1A
Coupling, Impulse	ES10-400319	Continental 10-400319	Test and Computations per 14 CFR 21.303 DWG No: ES10-400319 Rev: B Date: 4/18/22 or later FAA-approved revisions	Continental Aerospace Technologies	LTSIO-520-AE



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Coupling, Impulse	ES10-400320	Continental 10-400320	Test and Computations per 14 CFR 21.303 DWG No: ES10-400320 Rev: B Date: 4/18/22 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4B5, HIO-540-A1A, IO-540-D4B5, -G1C5, -G1D5, -G1F5, -K1A5, -K1B5, -K1E5, -K1G5, -K1H5, -K1K5, -L1A5, -L1C5, O-540-B2C5, -E4C5, -G1A5, -G2A5, TIO-540-E1A, -H1A
Coupling, Impulse	ES10-400321	Continental 10-400321	Test and Computations per 14 CFR 21.303 DWG No: ES10-400321 Rev: B Date: 5/15/23 or later FAA-approved revisions	Lycoming Engines	O-235-K2A, -K2C, -L2A, -L2C, -M1, -N2A, -P1, -P2A, AEIO-360-A1D, -A1E, IO-360-A1D, -K2A
Coupling, Impulse	ES10-400327	Continental 10-400327	Test and Computations per 14 CFR 21.303 DWG No: ES10-400327 Rev: B Date: 2/26/21 or later FAA-approved revisions	Lycoming Engines	AIO-360-A1B, -B1B, AEIO-360-A1B, -A1B6, -A2B, IO-360-A1B, -A1B6, -A1D6, -A2B, C1C, -C1C6, -C1D6, -C1E6, -C1F



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magnet Rotating (Rotor)	ES10-52945	Continental 10-52945	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-52945 <u>Rev:</u> D <u>Date:</u> 5/1/23 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	A-40, -2, -3, -4, -5, A-50-1, -7, -6, -8, -9, A-65-3, -14, A-75-3, A-80-6J, C-75-8, C-85-8 O-145-B2, B3, -C2, GO-145-C2, -C3, O-235-CJ, -CIA, -CIB, -CIC, -C2A, -C2C, -E1, -EIB, -E2A, -F1, -F1B, -F2A, -G1, -G1B, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, -D2C, AEIO-320-CJA, -EJB, -E2A, -E2B, IO-320-AJA, -A2A, -BIA, -BIB, -BJC, -B2A, -EJA, -EIB, -E2A, -E2B, O-320-AJA, -AIB, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B2C, -B2D, - B3A, -B3B, - B3C, -C1A, - C1B, -C2A, - C2B, -C2C, - C3A, -C3B, - C3C, -D1A, - D1B, -D1D, - D2A, -D2B, - D2G, -D2H, - D3G, -E1A, - E1B, -E2A, -E2B, -E2D, -E2G, - E2H, -E3D, - E3H, O-340- AJA, -A2A, - BIA, AEIO-360- A1A, - A1D, - A1E, -A2A, - BIB, -B4A, - H1A, HIO-360- A1A, -B1A, - B1B, -C1A, HO- 360-A1A, -B1A, -B1B, IO-360- A1A, -A1D, - A2A, -B1A, - B1B, -B1C, - B1D, -B1G6, - B4A, -C1A, - K2A, -M1B, IVO-360-A1A, LO-360-AJH6, O-360-A1A, - A1C, -A1D, - A1H, -A1H6, - A1P, -A2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A2D, -A2E, - A2H, -A3A, - A3D, -A4A, - A4D, O-360-A4J, -A4K, -A4M, - A4P, -B1A, - B1B, -B2A, - B2B, -C1A, - C1C, -C1E, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - C4F, -C4P, - D1A, -D2A, - D2B, -J2A
Magnet Rotating (Rotor)	ES10-52946	Continental 10-52946	Test and Computations per 14 CFR 21.303 DWG No: ES10-52946 Rev: D Date: 5/1/23 or later FAA-approved revisions	Continental Aerospace Technologies	A-50-8, -9, A-65-3, -6, -8, -9, -14, A-75-3, -6, -8, -9, A-80-6J, -8, -9, C-75-8, C-85-8, C-90-8
Magnet Rotating (Rotor)	ES10-52947	Continental 10-52947	Test and Computations per 14 CFR 21.303 DWG No: ES10-52947 Rev: D Date: 5/2/23 or later FAA-approved revisions	Continental Aerospace Technologies	A-65-12, A-100-1, -2, C-75-12, -15, C-85-12, -14, -15, C90-12, -14, -16, C115-1, -2, C125-1, -2, C145-2, -2H, O-200-A, -B, -C, -D, -X, IO-240-A, -B, O-240-A, GO-300-A, -B, -C, -D, -E, -F, O-300-A, -B, -C, -D, -E



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Lycoming Engines	O-145-B2, -B3, -C2, GO-145-C2, -C3, O-235-C1, -C1A, -C1C, -C2A, -C2C, -E1, -E2A, -F1, -F2A, -G1, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D, -D2, -D2A, -D2B, AEIO-320-E1A, -E1B, -E2A, -E2B, IO-320-B1A, -B1B, -B1C, -B2A, -C1A, -C1B, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320-B1A, -C1A, O-320-A1A, -A1B, -A2A, -A2B, -A2D, -A3A, -A3B, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B3A, -B3B, -C1A, -C1B, -C2A, -C2B, -C3A, -C3B, -D1A, -D1D, -D2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					D2G, -D2H, - sD2J, -D3G, - E1A, -E2A, - E2D, -E2G, - E2H, -E3D, - E3H, O-340- A1A, -A2A, - B1A, AEIO-360- A1D, -A1E, - B1G6, - B4A, AEIO-360-H1A, -H1B, IO-360- A1D, - B1G6, - B4A, -K2A, - L2A, -M1B, O- 360-A1A, -A1H, -A1H6, -A1P, - A2A, -A2H, - A3A, -A4A, - A4D, -A4J, - A4K, -A4M, - A4N, -A4P, - B1A, -B2A, - C1A, -C1E, - C1G, -C2A, - C2B, -C2E, - C4F, -C4P, - D1A, -D2A, - F1A6, -G1A6, VO-360-A1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magnet Rotating (Rotor)	ES10-52948	Continental 10-52948	Test and Computations per 14 CFR 21.303 DWG No: ES10-52948 Rev: D Date: 5/2/23 or later FAA-approved revisions	Continental Aerospace Technologies	E-165-2, -3, -4, E-185-1, -2, -3, -5, -8, -9, -10, -11, IO-360-A, -A, -AF, -C, -CB, -D, -DB, -ES, -G, -GD, -H, -HB, -J, -JB, -K, -KB, LTSIO-360-E, -EB, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, -SB, GIO-470-A, IO-470-C, -D, -E, -F, -G, -H, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO, O-470-A, -B, -E, -G, -GC1, -J, -K, -L, -M, -P, -R, -U, -2, -4, -11, -11B, -13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520-C, IO-520-A, -BA, -BB, -D, -E, -F, -K, -L, -M, -MB, TSIO-520-B, -BB, -BE, -C, -E, -EB, -VB, IO-550-A, -B, -C, -F, -G, -N, -P, -R,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					TSIO-550-A, -B, -C, -E, -G, -K, -N
				Lycoming Engines	GO-435-C2E, O-435-6, -6A, -23, -23A, -23B, VO-435-A1B, -A1C, -A1D, GO-480-B, -B1A6, -B1C, -B1D, -C1D6, -C2D6, -C2E6, -D1A, -E1A6, -FIA6, -F2A6, -F2D6, -F3A6, -F4A6, -G1A6, -G1B6, -G1D6, -G1H6, -G2D6, GSO-480-A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B2C6, -B2D6, IGO-480-A1B6, IGSO-480-A1A6, -A1E6, -A1F3, -A1F6, O-480-3, IVO-540-A1A, VO-540-A1A, -A2A, -B1A, -B1E, -B2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B2E, - C1B, - C2B
Cam, Retard/Tach.	ES10-382741	10-382741	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-382741 <u>Rev:</u> B <u>Date:</u> 2/27/20 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	6-285-B, -C, -CA, 6-320-B O-360-A1G6D, HIO-360-E1BD, -F1AD, LO-360-A1G6D, IO-540-K1F5D, -K1J5D, -M2A5D, -N1A5, LTIO-540-J2BD, -N2BD, -R2AD, -V2AD, O-540-H1B5D, -H2B5D, TIO-540-F2BD, -J2BD, -K1AD, -N2BD, -R2AD, -V2AD, -AA1AD
				Textron Lycoming	IO-720-B1BD, -C1BD, -D1BD, -D1CD



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES4301	4301	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES15050 <u>Rev:</u> G <u>Date:</u> 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	C-75-12, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, C-85-12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14, 14F, -15, -15F, C-90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ, -16F, O-200-A, -B, -C
Magneto	ES4302	4302	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES15050 <u>Rev:</u> G <u>Date:</u> 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, -9, -9F, -9FJ, -9J, -12, -12F, -12FJ, -12J, -14, -14F, -14FJ, -14J, A-75-3, -6, -6J, -8, -8F, -8FJ, -8J, -9, -9J, C-85-8, -8F, -8FHJ, -8FJ, -8J, C-90-8F, -8FJ
Magneto	ES4330	4330	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES15050 <u>Rev:</u> G <u>Date:</u> 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	C-75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, C-85-8, -8F, -8FHJ, -8FJ, -8J, C-90-8F, -8FJ



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Lycoming Engines	LIO-320-B1A, -C1A, LIO-360-B1G6, LO-360-A1H6
Magneto	ES4333	4333	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, A-75-3, -6, -6J, -8, -8F, -8FJ, -8J, C-75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, C-85-8, -8F, -8FHJ, -8FJ, -8J, C-90-8F, -8FJ
Magneto	ES4345	4345	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	IO-360-A1A, -A2A, -A2D-C1A, -C1B, -D1A, AEIO-360-A2C, HIO-360-D1A, IO-390-A1A6, -A1B6, -A3A6, -A3B6, -C1A6, -C1B6, -C3A6, -C3B6, AEIO-390-A1A6, -A3A6, -A1B6, -A3B6, HIO-390-A1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES4347	4347	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-C1B, O-320-A2C, -B2C, -D2B, AEIO-320-D1B, O-360-A1D, -A4M, -C2C, -J2A, IO-360-B1B, -B4A, -M1A, -N1A, AEIO-360-A1A, -B1B, -B1F, HO-360-C1A, HIO-360-G1A
Magneto	ES4353	ES4353	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-360-A4M
Magneto	ES4370	4370	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C2A, -C2C, -E2A, -F2A, -F2B, G1, -G2A, H2C, -J2A, -K2B, -K2C, -L2A, -L2C, -N2A, N2C, O-290-D2, -D2B, -D2C, O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -B1A, -B2A, -B2B, -B2D, -B2E, -B3B, -D1A, -D1D, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					D1F, -D2A, - D2B, -D2G, - D3G, -E1C, - E1F, -E2A, -E2C, -E2D, -E2F, - E2G, -E3D, IO- 320- D1A, - D1B,- E1A, - E1B, -E2A, - E2B, AEIO-320- D1B, -D2B, O- 360-A1A, -A1D, -A1F6, -A1G6, - A1H, -A1H6, - A1P, -A2A, - A2F, -A2G, - A3A, -A4A, - A4G, -A4J, - A4K, -A4M, - A4P, -B2A, - B2C, -C1A, - C1E, -C1F, - C1G, -C2A, - C2C, -C2E, - C4F, -C4P, -J2A, IO-360-A1A, - A1B, -A1B6, - A1D, -A1D6, - A2A, -A2B, - A2D, -A3B6, - B1B, -B1E, - B1F, -B1F6, - B1G6, -B2E, - B4A, -C1A, - C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1F, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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2900 Selma Highway
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C1G6, -D1A, -M1A, -M1B, -N1A, -P1A, AEIO-360-A1B, -A1B6, -A1D, -A1E, -A1E6, -A2C, -B1B, -B1F, -B1H, -B2F, -B4A, HO-360-C1A, HIO-360-G1A, IO-390-A1A6, -A1B6, -A3A6, -A3B6, -C1A6, -C1B6, -C3A6, -C3B6, AEIO-390-A1A6, -A3A6, -A1B6, -A3B6, HIO-390-A1A
Magneto	ES4371	4371	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-C2C,-H2C, N2C, O-320-A2D, -B2B, -D1A, -D1D, -D2G, -D2J, D3G, -E1F, -E2D, -E2G, -E3D, IO-320-E1B, -E2B, AEIO-320-E1B, -E2B, O-360-A4K, -A4M, -A4N, -A4P, -C1E, -C1F, -C1G, -C2E, -C4F, -C4P, -F1A6, IO-360 -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C1C, -L2A, -M1B, AEIO-360-A1B6, -B1G6, -H1A, -H1B
Magneto	ES4372	4372	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-K2B, -K2C, -L2A, L2C, -N2A, IO-360-A1B, -A1B6, -A1D, -A2B, -A3B6, -C1C, -C1C6, -C1D6, -C1E6, -C1F, AEIO-360-A1B, A1B6, -A1D, -A1E, -A1E6
Magneto	ES4373	4373	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C2A, -E2A, -F2A, F2B, -G1, -G2A, -J2A, O-290-D2, -D2B, -D2C, O-320-A2A, -A2B, -A3A, -A3B, -B1A, -B2A, -B2B, -B2D, -B2E, -B3B, -D1A, -D1F, -D2A, -E1C, -E1F, -E2A, -E2C, -E2F, IO-320-B1A, -B1C, -C1A, -D1A, -D1B, -E1A, -E2A, AEIO-320-D1B, -D2B, O-360-A1A, -A1D, -A1F6, -A1G6, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A1H, -A1H6, - A1P, -A2A, - A2F, -A2G, - A3A, -A4A, - A4G, -A4J, - A4M, -B2A, - B2C, -C1A, - C1G, -C2A, IO- 360-A1D6, -B1E, -B1F, -B1G6, - B1F6, -B2E, - B4A, -M1B, - P1A, AEIO-360- A1B6, -A1E, - B1F, -B1H, - B2F, -B4A
Magneto	ES4309	4309	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-240-B
Magneto	ES4310	4310	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	O-240-B



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES4342	4342	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-320-D1A, -B2C, IO-320-B1C, O-360-A1F6
Magneto	ES4348	4348	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	LIO-360-M1A
Magneto	ES4353	4353	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	AEIO-320-D2B, AEIO-360-A1B6, AEIO-390-A1A6
Magneto	ES4374	4374	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	LIO-360-C1E6



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES4381	4381	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-235-L2C, -F2A, -N2C
Magneto	ES6350	6350	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	TSIO-520-BE
Magneto	ES6320	6320	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Textron Lycoming	O-360-J2A
Magneto	ES6310	6310	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies,	IO-550-N



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6380	6380	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies,	IO-550-N
Clamp Kit	ES3328	M3328, K3328	Test and Computations per 14 CFR 21.303 DWG No: ES3328 Rev: B Date: 12/15/22 or later FAA-approved revisions	Continental Aerospace Technologies	C-75-12, -12F, -12FH, -12FHJ, -12FJ, -12J, -15, -15F, C-85-12, -12F, -12FH, -12FHJ, -12FJ, -12J, -14, -14F, -15, -15F, C-90-12F, -12FH, -12FJ, -12FP, -14F, -14FH, -14FJ-16F, O-200-A, -B, -C, IO-240-B, IO-470-D, -E, -F, -K, -L, -S, -U, -V, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, MB, -N, -NB, IO-550-A, -B, -C, -D, -F, -L, O-470-A, -B, -E, -G, -G-C1, -H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -P, -R, -S, -T, -U, IO-470-A, -C, -D, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
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E, -F, -G ,H ,J, -
K, - L, -LO, -M, -
N, -P, -R, -S, T, -
U , -V, -VO,
TSIO-520-A, -
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, -U, -
UB, -VB, -WB,
LTSIO-520-AE,
IO-360-A, -B, -C,
-CB, -D, -DB, -E,
-ES, -G, -GB, -H,
-HB, -J, -JB, -K,
-KB, TSIO-360-
A, -AB, -B, -BB,
-C, -CB, -D, -DB,
-E, -EB, -F, -FB,
-G, -GB, -H, -
HB, -JB, -KB, -
LB, -MB, -NB, -
PB, -RB, -SB,
LTSIO-360-E, -
EB, -KB, -RB,
TSIO-550-A, -B,
-C, -E



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					E2F, -E2G, - E3D, IO-320- B1A, B1C, -C1A, -D1A, -D1B, - E1A, -E1B, - E2A, -E2B, LIO- 320-B1A, -C1A, AEIO-320-E1B, - E2B, D1B, -D2B, O-360-A1A, - A1F6, -A1D, - A1G6, -A1H, - A1H6, -A1P,- A2A, -A2F, - A2G, -A3A, - A4A, -A4G, - A4J, -A4K, - A4M, -A4N, - A4P, -B2A, - B2C, -C1A, - C1E, -C1F, - C1G, -C2A, - C2E, -C2C, - C4F, -C4P, -J2A, -F1A6, -G1A6, IO-360-A1A, A1B, -A1B6, - A1D, -A1D6, - A2A, -A2B, - A2D, -A3B6, - B1B, -B1E, - B1F, -B1F6, - B1G6, -B2E, - B4A, -C1A, - C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1F, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					D1A, -L2A, - M1A,-M1B, - N1A, -P1A, LO- 360-A1H6, LIO- 360-B1G6, LIO- 360-A1H6, - B1G6, -C1E6, - M1A, AEIO- 360-A1A, -A1B, -A1B6, -A1D, - A1E, -A1E6, - A2C, -B1B, - B1F, -B1H, - B2F, -B4A, - B1G6, -H1A, - H1B, HO-360- C1A, HIO-360- D1A, -G1A, IO- 390-A1A6, - A1B6, -A3A6, - A3B6, -C1A6, - C1B6, -C3A6, - C3B6, AEIO- 390-A1A6, - A3A6, -A1B6, - A3B6, HIO-390- A1A, LTIO-540- J2B, O-540- A1A5, -A1B5, A1D5, -A4A5, - A4B5, -A4D5, - A4E5, -B1A5, - B2B5,-B4B5, - B2C5, E4A5, - E4B5, -E4C5, - F1A5, -G1A5, - G2A5,-H2A5, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					J3A5, IO-540 – A1B5, -AA1B5, - AC1A5, AG1A5, -C4B5, -C4D5, - D4A5, -D4B5, - E1A5, -E1B5, - G1D5, -K1A5, K1B5, -K1D5, - K1E5, -K1F5, - K1G5, -K1H5, - K1J5, -K1K5, - L1C5, -M1A5, - M1C5, -N1A5, - R1A5, -T4B5, - V4A5, -W1A5, - AA1A5, - AC1A5, -AF1A5, AEIO-540 - D4A5, -D4B5, - D4D5, -L1B5, TIO-540-A2B, - A2C, J2B, -U2A, -W2A, -AE2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A, -AK1A, IO-580-B1A, AEIO-580-B1A
Clamp Kit	ES3520	M3520, K3520	Test and Computations per 14 CFR 21.303 DWG No: ES3520 Rev: B Date: 12/15/22 or later FAA-approved revisions	Continental Aerospace Technologies	O-300-A, -B, -C, -D, -E



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
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Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Gear-Impulse Coupling	ES3998	M3998	Test and Computations per 14 CFR 21.303 DWG No: ES3998 Rev: C Date: 11/8/22 or later FAA-approved revisions	Continental Aerospace Technologies	A-65-1, -3, -6, -6J, -7, -8, -8F, -8FJ, -8J, A-75-3, -6, -6J, -8, -8F, -8J, -8FJ, C-75-8, -8F, -8FH, -8FHJ, -8FJ, -8J, C-85-8, -8F, -8FHJ, -8FJ, -8J, C-90-8F, -8FJ
Magneto	ES4354	4354	Test and Computations per 14 CFR 21.303 DWG No: ES15050 Rev: G Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	IO-320-C1A
Magneto	ES6309	6309	Test and Computations per 14 CFR 21.303 <u>DWG No: ES15060</u> <u>Rev: J</u> <u>Date: 12/19/22 or later</u> FAA-approved revisions	Continental Aerospace Technologies	IO-470-D, -E, -F, -K, -L, -S, -U, -V, IO-520-B, -BA, -BB, -C, -CB, -E, -M, -MB, IO-550-A, O-470-L, -R
Magneto	ES6310	6310	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, IO-550-A, -B, -C, -D, -F,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-L, O-470-A, -B, -B-C1, -E, -G, -G-C1,-H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -P, -R, -S, -T, -U, TSIO-520-A, -B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L,-LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB
Magneto	ES6313	6313	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-E, -F, -D, -K, -L, -S, -U, -V, IO-520-B, -BA, -BB, -C, -CB, -E, -M, -MB, IO-550-A, O-470-L, -R
Magneto	ES6314	6314	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-360-A, -B, -C, -CB, -D, -DB, -E, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, TSIO-360-A,-AB, -B, -BB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -H, -HB, -JB



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6320	6320	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	LTSIO-360-E, -EB, -KB,-RB, TSIO-520-A, -AE, -AF, -B, -BB, -C,-CE, -D,-DB, -E, -EB, -G, -H, -J, -JB,-K,-KB, -L, -LB, -M, -N, -NB -P, -R, -U, -UB, -VB, -WB, TSIO-550-A, -B, -C, -E
Magneto	ES6324	6324	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	LTSIO-520-AE, TSIO-360-A, -AB, -B, -BB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB, -MB, -NB, -PB, -RB,-SB
Magneto	ES6340	6340	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	LTIO-540-AK1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6350	6350	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	HIO-390-A1A, O-540 -A1D5, -A4A5, -A4D5, -B1A5, -B2B5, -B2C5, -B4B5, -E4A5, -E4B5, -G1A5, -G2A5, -J3A5, IO-540-C4B5, -C4D5, -D4A5, -D4B5, -E1A5, -E1B5, -K1A5, -K1D5, -K1F5, -K1G5, -K1H5, -K1J5, -K1K5, -L1C5, -M1A5, -M1C5, -N1A5, -R1A5, -T4B5, -V4A5, -W1A5, -AA1A5, -AC1A5, -AF1A5, AEIO-540-D4A5, -D4B5, -D4D5, -L1B5, -L1D5, IO-580-B1A, AEIO-580-B1A
Magneto	ES6351	6351	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-540-A1B5, -A4A5, -A4B5, -A4E5, -B2C5, -E4C5, -F1A5, -G1A5, -G2A5, -H2A5, -J3A5, IO-540-A1B5, -C4D5, -D4B5, -G1D5, -K1A5, -K1B5, -K1E5, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					K1G5, -K1H5, - K1K5, -L1C5, - M1A5, -M1C5, - T4B5, -V4A5, - W1A5, -AB1A5, -AC1A5, - AF1A5, AEIO- 540-D4B5, - L1B5, -L1D5
Magneto	ES6355	6355	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-540-A1A5, - A1B5, -A1C5, - B2B5, -B4B5, - E4B5
Magneto	ES6360	6360	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	IO-540-AG1A5, - -AA1B5, TIO- 540-A2B, -A2C, - -J2B, -U2A, - W2A, -AE2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A
Magneto	ES6361	6361	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	IO-540-AA1B5, - TIO-540-W2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A, -AK1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6362	6362	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, O-470-A, -B, -B-C1, -E, -G, -G-C1, -H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -P, -R, -S, -T, -U, TSIO-520-A, -B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB
Magneto	ES6363	6363	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	IO-540-AG1A5, TIO-540-A2B, -A2C, -J2B, -AE2A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6364	ES6364	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	C-145-2, -2H, -2HP, O-300-A, -B, -C, -D, -E
Magneto	ES6365	ES6365	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	TIO-540-U2A
Magneto	ES6367	6367	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	GO-300-A, -B, -C, -D, -E
Magneto	ES6371	6371	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-540-E4C5, IO-540-G1D5, -K1B5, AEIO-540-D4B5
Magneto	ES6377	6377	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J	Continental Aerospace Technologies	E-165-2, -3, -4, E-185-1, -10, -11, -2, -3, -5, -8, -9, E-225-2, -4, -8, -9, O-470-11, -11B, -11B-C1, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
			Date: 12/19/22 or later FAA-approved revisions		11-C1, -13, -13A, -15, -4
Magneto	ES6379	6379	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	E-165-2, -3, -4, E-185-1, -10, -11, -2, -3, -5, -8, -9, E-225-2, -4, -8, -9, O-470-11, -11B, -11B-C1, -11-C1, -13, -13A, -15, -4
Magneto	ES6380	6380	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, O-470-A, -B, -B-C1, -E, -G, -G-C1, -H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -P, -R, -S, -T, -U, TSIO-520-A, -B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6382	6382	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB, O-470-A, -B, -B-C1, -E, -G, -G-C1, -H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -P, -R, -S, -T, -U, TSIO-520-A, -B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -U, -UB, -VB, -WB
Magneto	ES6390	6390	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-540-F1A5



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Magneto	ES6393	6393	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	O-540-A1D5, -A4D5, -B1A5, -B2B5, -B2C5, -E4A5, -E4B5, -E4C5, -G1A5, -G2A5, IO-540-C4B5, -D4A5, -E1A5, -E1B5, -K1A5, -K1B5, -K1D5, -K1E5, -K1F5, -K1G5, -K1H5, -K1J5, -K1K5, -L1C5, -M1A5, -M1C5, -N1A5, -R1A5, -AA1A5, -AC1A5, AEIO-540-D4A5, -D4B5, -D4D5, -LIB5, TIO-540-W2A, -AJ1A, IO-580-B1A, AEIO-580-B1A
Magneto	ES6394	6394	Test and Computations per 14 CFR 21.303 DWG No: ES15060 Rev: J Date: 12/19/22 or later FAA-approved revisions	Lycoming Engines	LTIO-540-J2B



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Gear Assy, Distributor	ES10-349234	10-349234	Test and Computations per 14 CFR 21.303 DWG No: ES10-382741 Rev: B Date: 2/27/20 or later FAA-approved revisions	Continental Aerospace Technologies	O-200-A, -B, -C
Gear Assy, Distributor	ES10-349234	10-349234	Test and Computations per 14 CFR 21.303 DWG No: ES10-382741 Rev: B Date: 2/27/20 or later FAA-approved revisions	Lycoming Engines	CO-235-C2B, -E2B, -F2B, -G2B, -J2B, -K2B, AEIO-320-D1B, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, IO-320-B1D, -B1E, -D1A, -D1B, -D1C, O-320-D1C, -D1F, -D2C, -D2F, -E1C, -E1F, -E1J, -E2C, -E2F, AEIO-360-A1B, -A1B6, -A2B, -B1F, -B2F, -B2F6, AIO-360-A1A, -A1B, -A2A, -A2B, -B1B, HIO-360-C1B, -D1A, IO-360-A1B, -A1B6, -A1C, -A1D6, -A2B, -A2C, -B1E, -B1F, B2E, -B2F, -B2F6, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1F, - F1A, LIO-360- C1E6, O-360- A1F, -A1F6, - A1G, -A1G6, - A2F, -A2G, - A4G, -C1F, TIO- 360-A1A, -A1B
Harness	KA12402	M2402	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> KA12402 <u>Rev:</u> A <u>Date:</u> 9/1/20 or later FAA-approved revisions	Lycoming Engines	O-360-J2A
Harness	KA12508	M2508	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> KA12508 <u>Rev:</u> B <u>Date:</u> 5/22/23 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C2A, -C2C, -E1, -E2A, -F1, -F1B, -F2A, -G1, -G2A, -J2A, -H2C, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -N2A, -N2C, -P1, -P2A, O-290-D, O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -B1A, -B2A, B2B, -B2C, -B2D, -B3B, -D1D, -D1A, -D1C, D1F, -D2A, -D2B, -D2C, -D2F, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					G2G, -D2J, - D2H, -D3G, - E1A, -E1C, -E1F, -E1J, -E2A, - E2B, -E2C, - E2D, -E2F, - E2G, -A3A, - E3D, O-360- A1F, -A1G, - A1P, -A1H, - A2A, -A2F, A2G, -A3A, - A4A, -A4G, - A4J, -A4K, - A4M, -A4N, - A4P, -B2A, - C1A, -C1E, - C1F, -C1G, - C2A, -C2C, - C2E, -C4F, - C4P, -D2J, - A1F6, -F1A6, - A1G6, -G1A6, IO-320-A1A, - A2A, -B1A, - B1B, -B1C, - B2A, -C1A, - D1A, -D1B, - E1B, -E2B, - E1A, -E2A, - F1A, AIO-320- A1B, -A2A, - A2B, -B1B, - C1B, LIO-320- B1A, -C1A, AEIO-320-E1B, - E2B, -D1B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					D2B, O-360-A1H6, IO-360-A1A, -A1B, -A1C, -A1D, -A2A, -A1B6, -A2C, -B1B, -B1E, -A1D6, -A3B6, -B1F, -B2E, -B2F, -B2F6, -B4A, -C1A, -B1F6, -B1G6, -E1A, -C1B, -C1D6, -C1C6, -C1E6, -C1F, -D1A, -F1A, AIO-360-A2B, AEIO-360-A1E, -A1E6, -A2C, -B1B, -B4A, -H1A
Harness	KA14001	M4001	Test and Computations per 14 CFR 21.303 DWG No: KA14001 Rev: B Date: 7/9/20 or later FAA-approved revisions	Lycoming Engines	O-235-C2C, -E1, -F1, -H2C, -K2C, -L2C, -M2C, -N2C, O-320-A2D, -D1D, -D2G, -D2H, -D3G, -E2D, -E2G, -E3D, IO-320-E1B, -E2B, AEIO-320-E1B, -E2B, O-360-A1H6, -A4K, -A4M, -A4P, -C1E, -C2E, -C4F, -C4P, IO-360-B1F6, -P1A,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					AEIO-360-H1A, -H1B
Harness	KA14002	M4002	Test and Computations per 14 CFR 21.303 DWG No: KA14002 Rev: B Date: 8/18/20 or later FAA-approved revisions	Lycoming Engines	O-320-D2J, O-360-A4N, -F1A6, -G1A6, IO-360-L2A
Harness	KA14004	M4004	Test and Computations per 14 CFR 21.303 DWG No: KA14004 Rev: C Date: 5/4/21 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C2A, -E2A, -F1B, -F2A, -G1, -G2A, -J2A, -K2A, -L2A, -M1, -N2A, -P1, -P2A, O-290-D, O-320-B1A, -B2A, -B2B, -B2C, -B2D, -B3B, -E1A, -E2A, IO-320-B1C, -B2A, -E1A, -E2A, O-360-A1H, -A1P, -A3A, -A4A, -A4J, -A4M, -B2A, -B2C, -C1A, -C1G, -C2A, -C2C, IO-360-A1A, -A1B, -A1D, -A2A, -C1A, LIO-360-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					M1A, AEIO-360-A1A, -A1D, -A1E, -A1E6, -B1B, -B1F, -B1H, -B4A
Harness	KA14005	M4005	Test and Computations per 14 CFR 21.303 DWG No: KA14005 Rev: B Date: 8/18/20 or later FAA-approved revisions	Lycoming Engines	O-360-A1H6, LO-360-A1H6, LIO-360-B1G6
Harness	KA14006	M4006	Test and Computations per 14 CFR 21.303 DWG No: KA14006 Rev: A Date: 11/17/20 or later FAA-approved revisions	Lycoming Engines	IO-360-B1G6, -M1B
Harness	KA14007	M4007	Test and Computations per 14 CFR 21.303 DWG No: KA14007 Rev: A Date: 11/17/20 or later FAA-approved revisions	Lycoming Engines	IO-360-C1G6, HIO-360-G1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Harness	KA14027	M4027	Test and Computations per 14 CFR 21.303 DWG No: KA14027 Rev: A Date: 9/8/20 or later FAA-approved revisions	Lycoming Engines	IO-360-C1C6, -C1E6
Harness	KA16000	M6000	Test and Computations per 14 CFR 21.303 DWG No: KA16000 Rev: B Date: 11/2/20 or later FAA-approved revisions	Lycoming Engines	O-540-A4E5, -G2A5
Harness	KA16002	M6002	Test and Computations per 14 CFR 21.303 DWG No: KA16002 Rev: B Date: 2/17/20 or later FAA-approved revisions	Lycoming Engines	IO-540-V4A5
Harness	KA16044	M6044	Test and Computations per 14 CFR 21.303 DWG No: KA16044 Rev: D Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	TIO-540-AF1A, -AF1B, AH1A, -AK1A, IO-580-B1A, AEIO-580-B1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Coil, Magneto	ES10- 357165-20	10-357165-20, 10-357164-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10- 357165-20 <u>Rev:</u> A <u>Date:</u> 4/15/20 or later FAA-approved revisions	Continental Aerospace Technologies, Inc.	A-50-1, -7, -4, -5, -6, -8, -9, A-65-3, -6, -8, -9, -12, - 14, A75-3, -6, -8, -9, A-80-6J, -8, - 9, A-100-1, -2, C-75-8, -12, -15, C-85-8, -12, -14, -15, C90-8, -12, - 14, -16, C115-1, - 2, C125-1, -2, C145-2, -2H, E165-2, -3, -4, E- 185-1, -2, -3, -5, - 8, -9, -10, -11, O- 200-A, -B, -C, - D, -X, E-225-2, - 4, -8, -9, IO-240- A, -B, O-240-A, GO-300-A, -B, - C, -D, -E, -F, O- 300-A, -B, -C, - D, -E, IO-360-A, -AB, -AF, -C, - CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO- 360-E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, IO-470-C, -D, -E, -F, -G, -H, -M, - P, -R, O-470-A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B, -E, -G, GC1, -J, -K, -L, -M, -P, -R, -U, -2, -4, -11, -11B, -13, -13A, -15, TSIO-470-B, -C, -D, IO-550-B, -C, -F, -G, -N, -P, -R, IO-520-A, -BA, -BB, -D, -F, -K, -L
				Continental Motors	A-40, A-40-2, -4, -5
				Lycoming Engines	O-235-C1, -C1A, -C1C, -C2A, -C2C, -E1, -E2A, -F1, -F2A, -G1, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, AE10-320-E1A, -E1B, -E2A, -E2B, IO-320-B1A, -B1B, -B1C, -B2A, -C1A, -C1B, -E1A, -E1B, -E2A, -E2B, -F1A, LIO-320-B1A, -C1A, O-320-A1A, -A1B, -A2A, -A2B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A2D, -A3A, - A3B, -B1A, - B1B, -B2A, - B2B, -B2D, - B3A, -B3B, - C1A, -C1B, - C2A, -C2B, - D1A, -D1D, - D2A, -D2G, - D2H, -D2J, - D3G, -E1A, - E2A, -E2D, - E2G, -E2H, - E3D, -E3H, O- 340-A1A, -A2A, AEIO-360-A1D, -A1E, -B1G6, - B4A, -H1A, - H1B, IO-360- A1D, -B1G6, - B4A, -K2A, - L2A, -M1B, O- 360-A1A, -A1H, -A1H6, -A1P, - A2A, -A2H, - A3A, -A4A, - A4D, -A4J, - A4K, -A4M, - A4N, -A4P, - B2A, -C1A, - C1E, -C1G, - C2A, -C2B, - C2E, -C4F, -C4P, -D1A, -D2A, - F1A6, -G1A6, VO-360-A1A, GO-435-C2A2, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C2B2, -C2E, O-435-6, -6A, -23, -23B, VO-435-A1B, -A1C, -A1D, GO-480-B, -B1A6, -B1C, -B1D, -C1D6, -C2D6, -C2E6, -D1A, -E1A6, -F1A6, -F2A6, -F2D6, -F3A6, -F4A6, -G1A6, -G1B6, -G1D6, -G1H6, -G2D6, GSO-480-A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B2C6, -B2D6, IGO-480-A1B6, IGSO-480-A1A6, -A1E6, -A1F6, O-480-3, IO-540-C2C, IVO-540-A1A, O-540-A1A, -A1A5, -A1B5, -A1C5, -A2B, -A4A5, -A4B5, -A4C5, -B1B5, -B2B5, -B4B5, -E4B5, -F1A5, -H1A5, -H2A5, VO-540-A1A, -A2A, -B1A, -B1E, -B2A, -B2E, -C1B, -C2B



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Avco Lycoming	O-145-B2, -B3, -C2, GO-145-C2, -C3
				Lycoming Division AVCO Corporation	O-290-D, -D2, -D2A, -D2B
				Franklin Engines	4AC-176-B2, -B3, -BA2, -BA3, -C2, -C3, -D2, -D3, -F2, -F3, 4AC-199-B2, -D2, -D3, -E2, -E3, -E4
				Franklin Sp. z.o.o	4A-235-B, -B3, -B31, 6A4-150-B3, -B31, -B4, 6A4-165-B3, -B4, -B6, 6V4-178-B3, -B33, 6V4-178-B32, 6A4-200-C32, -C33, 6A-335-A, -B, -B1, -B1A, -D, 6AS-335-A, -B, 6V-335-A, -A1A, -A1B, -B, 6VS-335-A, -A1, -B, -B1, 6A-350-C1, -C1A, -C2, -C2A, -D1, -D1A, -D1B, 6AS-350-A, -A1, 6V-350-A, -B



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ignition Harness Assy	KA12917	M2917, 10-821414-4	Test and Computations per 14 CFR 21.303 DWG No: KA12917 Rev: C Date: 6/2/23 or later FAA-approved revisions	Lycoming Engines	O-360-E1A6D, LO-360-E1A6D, O-320-H1AD, -H2AD, -H3AD
Ignition Harness Assy	KA12915	M2915	Test and Computations per 14 CFR 21.303 DWG No: KA12915 Rev: C Date: 6/2/23 or later FAA-approved revisions	Lycoming Engines	IO-360-A1B6D, -A1D6D, -A3B6D, -C1E6D, -J1A6D, LO-360-A1G6D, O-360-A1AD, -A1F6D, -A1G6D, -A1LD, -A3AD, -A4AD, -A5AD, TO-360-A1A6D, -C1A6D
Ignition Harness Assy	KA12916	M2916, 10-821414-8	Test and Computations per 14 CFR 21.303 DWG No: KA12916 Rev: C Date: 6/2/23 or later FAA-approved revisions	Lycoming Engines	IO-360-A1B6D, -A3B6D, O-360-A1F6D, -A1LD
Ignition Harness Assy	KA12942	M2942, 10-821414-10	Test and Computations per 14 CFR 21.303 DWG No: KA12942 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	TIO-360-C1A6D, TO-360-C1A6D



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ignition Harness Assy	KA12949	M2949, 10-821414-14	Test and Computations per 14 CFR 21.303 DWG No: KA12949 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	LTO-360-E1A6D, TO-360-E1A6D
Ignition Harness Assy	KA1415-12	10-821415-12	Test and Computations per 14 CFR 21.303 DWG No: KA1415-12 Rev: C Date: 6/5/23 or later FAA-approved revisions	Lycoming Engines	HIO-360-E1AD
Ignition Harness Assy	KA12944	M2944, 10-821425-12	Test and Computations per 14 CFR 21.303 DWG No: KA12944 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	HIO-360-E1BD, -F1AD
Ignition Harness Assy	KA1444-6	10-821444-6	Test and Computations per 14 CFR 21.303 DWG No: KA1444-6 Rev: C Date: 6/5/23 or later FAA-approved revisions	Lycoming Engines	LO-360-A1G6D, O-360-A1G6D



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ignition Harness Assy	KA12919	M2919, 10-821614-6	Test and Computations per 14 CFR 21.303 DWG No: KA12919 Rev: C Date: 6/2/23 or later FAA-approved revisions	Lycoming Engines	AEIO-540-L1B5D, IO-540-C4B5D, -C4D5D, -K1A5D, -T4A5D, -K1E5D, -K1G5D, -T4B5D, -V4A5D, -W1A5D, -W3A5D, O-540-H1B5D, -H2B5D, -J1A5D, -J1C5D, -J2B5D, -J3A5D, -J3C5D, -L3C5D, TIO-540-AB1AD
Ignition Harness Assy	KA1614-36	10-821614-36	Test and Computations per 14 CFR 21.303 DWG No: KA1614-36 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	O-540-J2A5D, -J2B5D, -J3A5D, -J2C5D
Ignition Harness Assy	KA12997	M2997, 10-821615-20	Test and Computations per 14 CFR 21.303 DWG No: KA12997 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	TIO-540-S1AD



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ignition Harness Assy	KA1624-6	10-821624-6	Test and Computations per 14 CFR 21.303 DWG No: KA1624-6 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	IO-540-K1F5D, -K1J5D, -N1A5D, -T4C5D, O-540-H2B5D, -J1B5D, TIO-540-K1AD, -AA1AD
Ignition Harness Assy	KA12918	M2918, 10-821625-4	Test and Computations per 14 CFR 21.303 DWG No: KA12918 Rev: C Date: 6/2/23 or later FAA-approved revisions	Lycoming Engines	LTIO-540-F2BD, -J2BD, -N2BD, -R2AD, TIO-540-F2BD, -J2BD, -N2BD, -R2AD
Ignition Harness Assy	KA12995	M2995, 10-821625-34	Test and Computations per 14 CFR 21.303 DWG No: KA12995 Rev: C Date: 5/30/23 or later FAA-approved revisions	Lycoming Engines	LTIO-540-V2AD, TIO-540-V2AD
Ignition Harness Assy	KA1825-2	10-821825-2	Test and Computations per 14 CFR 21.303 DWG No: KA1825-2 Rev: B Date: 10/21/21 or later FAA-approved revisions	Lycoming Engines	IO-720-A1BD, -B1BD, -C1BD, -D1BD, -D1CD



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Screw, Harness Cap	ES1553	M1553	Test and Computations per 14 CFR 21.303 DWG No: ES1553 Rev: New Date: 3/3/21 or later FAA-approved revisions	Continental Aerospace Tech	A-65-1, A-65-12, A-65-12F, A-65-12FJ, A-65-12J, A-65-14, A-65-14F, A-65-14FJ, A-65-14J, A-65-3, A-65-6, A-65-8, A-65-8FJ, A-65-8J, A-65-9, A-65-9F, A-65-9FJ, A-65-9J, A-75-3, A-75-6, A-75-6J, A-75-8, A-75-8F, A-75-8FJ, A-75-8J, A-75-9, A-75-9J, C-145-2, C-145-2H, C-145-2HP, C-75-12, C-75-12F, C-75-12FH, C-75-12FHJ, C-75-12FJ, C-75-12J, C-75-15, C-75-15F, C-75-8, C-75-8F, C-75-8FH, C-75-8FHJ, C-75-8FJ, C-75-8J, C-85-12, C-85-12F, C-85-12FH, C-85-12FHJ, C-85-12FJ, C-85-12J, C-85-14, C-85-14F, C-85-15, C-85-15F, C-85-8, C-85-8F, C-85-8FHJ, C-85-8FJ,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C-85-8J, C-90-12F, C-90-12FH, C-90-12FJ, -12FP, -14F-14FH, -14FJ, -16F, -8F, -8FJ, E-165-2, -3, -4, E-185-1, -10, -11, -2, -3, -5, -8, -9, E-225-2, -4, -8, -9, GO-300-A, -B, -C, -D, -E, IO-240-B, IO-360-A, -B, -C, -CB, -D, -DB, -E, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, IO-470-A, -B, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO, IO-550-A, -B, -C, -D, -F, -L, LTSIO-360-E, -EB, -KB, -RB, LTSIO-520-AE, O-200-A, -B, -C, O-300-A, -B, -C, -D, -E, O-470-11, -11B, -11B-C1, -11-C1, -13, -13A, -15, -4, -A, -B, -B-C1, -E, -G, -G-C1, -H, -J, -K, -K-C1, -L, -L-C1, -M, -M-C1, -N, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					P, -R, -S, -T, -U, TSIO-360-A, -AB, -B, -BB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB, TSIO-520-A, -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, -U, -UB, -VB, -WB, TSIO-550-A, -B, -C, -E, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB
				Lycoming Engines	O-235-C1, -C1B, -C2A, -C2C, -E2A, -F2A, -F2B, -G1, -G2A, -H2C, -J2A, -K2B, -K2C, -L2A, -L2C, -N2A, -N2C, O-290-D2, -D2B, -D2C, O-320-A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -



U.S. Department
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**Federal Aviation
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FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B1A, -B2A, - B2B, -B2C, - B2D, -B2E, - B3B, -D1A, - D1D, -D1F, - D2A, -D2B, - D2G, -D2J, - D3G, -E1C, - E1F, -E2A, -E2C, -E2D, -E2F, - E2G, -E3D, I- B1A, I-B1C, I- C1A, I-D1A, I- D1B, I-E1A, I- E1B, I-E2A, I- E2B, AEI-D1B, AEI-D2B, AEI- E1B, AEI-E2B, LI-B1A, LI-C1A, O-360-A1A, - A1D, -A1F6, - A1G6, -A1H, - A1H6, -A1P, - A2A, -A2F, - A2G, -A3A, - A4A, -A4G, - A4J, -A4K, - A4M, -A4N, - A4P-B2A, -B2C, -C1A, -C1E, - C1F, -C1G, - C2A, -C2C, - C2E, -C4F, -C4P, -F1A6, -G1A6, - J2A, IO-360- A1A, -A1B, - A1B6, -A1D, -



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					A1D6, -A2A, - A2B, -A2D, - A3B6, -B1B, - B1E, -B1F, - B1F6, -B1G6, - B2E, -B4A, - C1A, -C1B, - C1C, -C1C6, - C1D6, -C1E6, - C1F, -C1G6, - D1A, -F1A, - L2A, -M1A, - M1B, -N1A, - P1A, AEIO-360- A1A, -A1B, - A1B6, -A1D, - A1E, -A1E6, - A2C, -B1B, - B1F, -B1G6, - B1H, -B2F, - B4A, -H1A, - H1B, HO-360- C1A, HIO-360- D1A, -G1A, LO- 360-A1H6, LIO- 360-B1G6, - C1E6, -M1A, IO- 390-A1A6, - A1B6, -A3A6, - C1A6, -C1B6, - C3A6, -C3B6, AEIO-390- A1A6, -A3A6, - A1B6, -A3B6, HIO-390-A1A, O-540-A1A5, - A1B5, -A1C5, -



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					A1D5, -A4A5, - A4B5, -A4D5, - A4E5, -B1A5, - B2B5, -B2C5, - B4B5, -E4A5, - E4B5, -E4C5, - F1A5, -G1A5, - G2A5, -H2A5, - J3A5, IO-540- A1B5, -AG1A5, -C4B5, -C4D5, - D4A5, -D4B5, - E1A5, -E1B5, - G1D5, -K1A4, - K1B5, -K1D5, - K1E5, -K1F5, - K1G5, -K1H5, - K1J5, -K1K5, - L1C5, -M1A5, - M1C5, -N1A5, - R1A5, -T4B5, - V4A5, -W1A5, - AA1A5, - AA1B5, - AB1A5, - AC1A5, -AF1A5, AEIO-540- D4A5, -D4B5, - D4D5, -L1B5, - L1D5, TIO-540- A2B, -A2C, - J2B, -U2A, - W2A, -AE2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A, -AK1A, LTIO-540-J2B,



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Administration**

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					IO-580-B1A, AEIO-580-B1A
				Franklin Sp. z.o.o	4A-235-B31, - B4, 6A350-C1, - C1A, -C2, -C2A, -D1, -D1A, - D1B, 6A4-150- B3, -B31, -B4, 6A4-135-B3, - B4, -B6
Gasket	ES62224	62224, M3410, SL62224	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES62224 <u>Rev:</u> B <u>Date:</u> 7/26/23 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C1C, -C2A, - C2C, -F2A, - F2B, -H2C, -J2A, -K2A, -K2B, - K2C, -L2A, - L2C, -M1, -N2A, -N2C, -P2A, O- 290-D, -D2, - D2B, -D2C, O- 320-A2B, -A2C, -A2D, -A3A, - A3B, -B1A, - B2A, -B2B, - B2C, -B3B, - D1A, -D1D, - D1F, -D2A, - D2B, -D2C, - D2G, -D2J, - D3G, -E1F, - E2D, -E2F, - E2G, -E3D, IO- 320-B1A, -B1C,



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**Federal Aviation
Administration**

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					-C1A, -D1A, - D1B, -E1A, - E1B, -E2A, - E2B, AIO-320- B1B, -C1B, LIO- 320-B1A, -C1A, O-360-A1A, - A1C, -A1D, - A1F6, -A1G6, - A1H6, -A1P, - A4P, -A2A, - A2D, -A2E, - A2F, -A2G, - A3A, -A4A, - A4G, -A4J, - A4K, -A4M, - A4N, -B2A, - B2C, -C1A, - C1C, -C1E, - C1F, -C2A, - C2C, -C2D, - C2E, -C4F, -C4P, -D2A, -D2B, - F1A6, -J2A, - A1H6, IO-360- A1A, -A1B, - A1B6, -A1D, - A1D6, -A2A, - A2B, -B1A, - B1B, -B1D, - B1F, -B1G6, - B1E, -B2F, - B2F6, -B4A, - C1A, -C1C, - C1C6, -C1E6, - C1F, -C1G6, - L2A, -M1B, -



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

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					P1A, AEIO-360- A1E, -B1B, - B1F, -B1G6, - B1H, -H1A, - H1B, HO-360- C1A, HIO-360- D1A, -G1A, - A1A, -B1A, - C1A, -D1A, LO- 360-A1H6, LIO- 360-B1G6, - C1E6, O-540- A1A5, -A1B5, - A1C5, -A4B5, - A4E5, -B1A5, - B2B5, -B4B5, - E4A5, -E4B5, - E4C5, -G1A5, - G2A5, -H2A5, - J3A5, IO-540- AG1A5, -C4B5, - C4D5, -D4A5, - D4B5, -E1A5, - E1B5, -G1D5, - K1A5, -K1B5, - K1D5, -K1E5, - K1F5, -K1G5, - K1H5, -K1J5, - K1K5, -L1C5, - S1A5, -T4B5, - V4A5, -W1A5, - AA1A5, - AB1A5, - AC1A5, -AF1A5, -A1A5, -B1A5, - B1C5, -C1B5, - C4B5, -C4C5, -



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					D4A5, -E1A5, - E1B5, -G1A5, - G1B5, -G1C5, - G1G5, -G1E5, - G1F5, AEIO- 540-D4A5, - D4B5, -L1B5, TIO-540-A1A, - A1B, -A2A, - A2B, -A2C, - C1A, -E1A, - G1A, -H1A, - J2B, -U2A, - W2A, -AE2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A, -AK1A, LTIO-540-J2B, IO-580-B1A, AEIO-540-B1A, O-540-A1A, - A2B, -B2C5, HO-360-B1A, - B1B
Gasket	ES12681	LW12681	Test and Computations per 14 CFR 21.303 DWG No: KA12915 Rev: New Date: 6/18/21 or later FAA-approved revisions	Lycoming Engines	O-235-C1C, - C2C, -H2C, - K2C, -L2C, - N2C, -F2B, - K2B, -L2A, O- 320-A2C, -A2D, -B1A, -B2C, - D1D, -D1F, - D2C, -D2G, - D2J, -D3G, -E1F, -E2D, -E3D, - E2F, -E2G, IO-



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					320-D1B, -E1B, - E2B, AIO-320- B1B, -C1B, O- 360-A4N, -A1F6, -A1H6, -A1G6, - A2F, -A2G, - A4G, -A4K, - A4M, -A1P, - A4P, -B2C, - C1E, -C1F, - C1G, -C2A, - C2C, -C2E, - C4F, -C4P, - F1A6, IO-360- A1A, -A1B, - A1B6, -A1C, - A1D, -A1D6, - A2D, -B1B, - B1D, -B1E, - B1F, -B1G6, - B1H, -B2F, - B2F6, -B4A, - C1B, -C1A, - C1C, -C1C6, - C1D6, -C1E6, - C1F, -C1G6, - H1B, -L2A, - M1A, -M1B, - N1A, -P1A, AEIO-360-B1F, - B1H, -B1G6, - H1A, -H1B, TIO- 360-A1B, LO- 360-A1H6, LIO- 360-C1E6, - B1G6, -M1A, HIO-360-C1B, -



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					G1A, AEIO-360- B1F, -B1H, - B1G6, -H1A, - H1B, TIO-360- A1B, IO-390- A1A6, -A3A6, - A1B6, -A3B6, - C1A6, -C3A6, - C1B6, -C3B6, HIO-390-A1A, AEIO-390- A1A6, -A3A6, - A1B6, -A3B6, O- 540-A1A, - A1A5, -A1B5, - A1C5, -A1D, - A1D5, -A2B, - A3D5, -A4B5, - A4E5, -B1B5, - B2C5, -E4C5, - G1A5, -G2A5, - H2A5, -J3A5, IO-540-D1A5, - K1A5, -K1E5, - K1F5, -K1G5, - K1J5, -S1A5, - AA1A5, - AB1A5, - AC1A5, -AF1A5, -AG1A5, -C4D5, -E1B5, -G1B5, - G1C5, -G1D5, - G1E5, -G1F5, - K1A5, -K1E5, - K1F5, -K1G5, - K1H5, -K1K5, - K1J5, -L1C5, -



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					S1A5, -T4A5D, -T4B5D, -T4C5D, -T4B5, -V4A5, -V4A5D, -W1A5D, -W3A5D, -W1A5 AEIO-540-D4A5, -D4B5, -L1B5, -L1B5D, TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -C1A, -E1A, -G1A, -H1A, -J2B, -AE2A, -AJ1A, -AH1A, -AF1A, -AF1B, -AG1A, -AK1A, -F2BD, -J2BD, -N2BD, -R2AD, -S1AD, -U2A, -W2A, LTIO-540-J2B, -F2BD, -J2BD, -N2BD, -R2AD, -U2A, AEIO-580-B1A,
Gasket	ES649954	534750, 649954, M3411, SA534750	Test and Computations per 14 CFR 21.303 DWG No: ES649954 Rev: New Date: 6/18/21 or later FAA-approved revisions	Continental Aerospace Technologies	O-200-A, -B, GTSIO-520-C, -D, -F, -K
Gasket	ES649954	534750, 649954,	Test and Computations per 14 CFR 21.303 DWG No: ES649954	Continental Aerospace Technologies	O-200-A, -B, -C, -D, -X, IO-240-B, IOF-240-B,



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of Transportation
**Federal Aviation
Administration**

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		M3411, SA534750	Rev: New Date: 6/18/21 or later FAA-approved revisions		IO-360-A, -AB, - B, -C, -D, -DB, - E, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, TSIO- 360-A, -AB, -B, - BB, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -G, -GB, -H, -HB, -JB, -KB, - LB, -MB, -NB, - PB, -RB, -SB, L- E, LTSIO-360- EB, -KB, -RB, IO-470-B, -B-C1, -E, -G, -G-C1, - H, -J, -K, -K-C1, -L, -L-C1, -M, - M-C1, -N, -P, -R, -S, -T, -U, -A, -C, -D, -F, -LO, -V, - VO, TSIO-470- B, -C, -D, IO- 520-A, -B, -BA, - BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, - NB, -P, LIO-520- P, TSIO-520-A, - 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, -U, - UB, -VB, -WB,



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

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					LTSIO-520-AE, GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N, IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R, IOF-550-B, -C, -D, -E, -F, -G, -L, -N, -P, -R, TSIO-550-A, -B, -C, -E, -G, -K, -D, -J, -K, -A, -B, -C
Stud	ES3413	31C-19, M3413	Test and Computations per 14 CFR 21.303 DWG No: ES3413 Rev: New Date: 6/18/21 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C1B, -C1C, -C2A, -C2C, -F2A, -F2B, -H2C, -J2A, -K2A, -K2B, -K2C, -L2A, -L2C, -M1, -N2A, -N2C, -P2A, O-290-D, -D2, -D2B, O-3210-A2C, -A2D, -B1A, -B2C, -B3B, -D1A, -D1D, -D1F, -D2A, -D2C, -D2G, -D2J, -D3G, -E1F, -E2D, -E2F, -E2G, -E3D, O-360-A1H6, -A1A, -A1P, -A2A, -A3A, -A4N, -A4P, -



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

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					B2A, -B2C, - C1A, -C1E, - C1F, -C2A, - C2E, -C4P, -C4F, -D2A, LO-360- A1H6, -A1A, IO- 360-A1B, -A1B6, -A1D, -A1D6, - A2A, -A2B, - A3A, -B1A, - B1D, -B1G6, - B1E, -B1F, - B2A, -B2F, - B2F6, -C1C, - C1C6, -C1D6, - C1E6, -C1F, - C2A, -D2A, - L2A, -M1A, - M1B, -N1A, - P1A, LIO-360- B1G6, -C1E6, - M1A, AIO-360- A1B, -B1B, AEIO-360-A1E, -B1F, -B1G6, - B1H, -H1A, IO- 390-A3B6, - C1B6, -C3B6, - A1A5, -B1A5, IO-540-B1C5, - C4C5, -E1A5, - E1B5, -G1A5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -L1B5D, - AA1A5, - AG1A5, -K1A5,



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

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					-K1K5, AEIO-540-D4D5, -L1B5, -L1B5D, TIO-540-A1A, -A1B, -A2A, -A2B, -A2C, -C1A, -E1A, -F2BD, -G1A, -H1A, -J2B, -J2BD, -N2BD, -R2AD, -S1AD, -AE2A, -AJ1A, -AK1A, -AF1A, -AG1A, -AH1A, -U2A, -W2A, LTIO-540-F2BD, -J2B, -J2BD, -N2BD, -R2AD, -U2A, IO-580-B1A
Magneto Adapter	ES2638-4	LW-12706, M2638-4	Test and Computations per 14 CFR 21.303 DWG No: ES2638-4 Rev: New Date: 10/12/21 or later FAA-approved revisions	Lycoming Engines	O-235-C1, -C2A, -F2A, -F2B, -J2A, -K2A, -K2B, -L2A, -L2C, -M1, -N2A, -P2A, O-290-D, -D2, -D2B, O-320-A2D, -B1A, -B2C, -B3B, -D1A, -D1D, -D1F, -D2A, -D2C, -D2G, -D2J, -D3G, -E2D, -E1F, -E2F, -E2G, IO-320-B1A, -B1C, -



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

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					C1A, -D1A, - D1B, -E1A, - E1B, -E2A, - E2B, AIO-320- B1B, -C1B, LIO- 320-B1A, -C1A, O-360-A1H6, - A1A, -A1P, A2A, A1F6, - A1F6D, -A1LD, -A2D, -A2F, - A2G, -A2F, - A2G, -A3A, - A3AD, -A4A, - A4G, -A4J, - A4K, -A4N, - A4P, -B2A, - B2C, -C1A, - C1E, -C1F, - C1G, -C2A, - C2E, -C4P, -C4F, D2A, -F1A6, LO-360-A1H6, IO-360-A1B, - A1B6, -A1D A1D6, -A2B, - B1E, -B1F, - B1G6, -B2F, - B2F6, -C1C, - C1C6, -C1D6, - C1E6, -C1F, L2A, -M1B, - P1A, LIO-360- B1G6, -C1E6, AEIO-360-A1E, -B1F, -B1H, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-G1, -G2A, - H2C, -J2A, - K2A, -K2C, - L2A, -L2C, -M1, -M2C, -M3C, - N2A, -N2C, -P1, -P2A, -P2C, - P3C, O-290-D, - D2, -D2A, -D2B, AEIO-320-E1A, -E1B, -E2A, - E2B, IO-320- B1A, -B1B, - B1C, -B2A, - C1A, -C1B, - E1A, -E1B, - E2A, -E2B, - F1A, LIO-320- B1A, -C1A, O- 320-A1A, -A1B, -A2A, -A2B, - A2D, -A3A, - A3B, -B1A, - B1B, -B2A, - B2B, -B2D, - B3A, -B3B, - C1A, -C1B, - C2A, -C2B, - C3A, -C3B, - D1A, -D1D, - D2A, -D2G, - D2H, -D2J, - D3G, -E1A, - E2A, -E2D, - E2G, -E2H, - E3D, -E3H, O- 340-A1A, -A2A,



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

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					-B1A, AEIO-360-A1D, -A1E, -B1G6, -B4A, -HIA, -H1B, IO-360-A1D, -B1G6, -B4A, -K2A, -L2A, -M1B, O-360-A1A, -A1H, -A1H6, -A1P, -A2A, -A2H, -A3A, -A4A, -A4D, -A4J, -A4K, -A4M, -A4N, -A4P, -B1A, -B2A, -C1A, -C1E, -C1G, -C2A, -C2B, -C2E, -C4F, -C4P, -D1A, -D2A, -F1A6, -G1A6, VO-360-A1A, GO-435-C2A2, -C2B2, -C2E, O-435-6A, -23, -23A, -23B, VO-435-A1B, -A1C, -A1D, GO-480-B, -B1A6, -B1C, -B1D, -C1D6, -C2D6, -C2E6, -D1A, -E1A6, -F1A6, -F2A6, -F2D6, -F3A6, -F4A6, -G1A6, -G1B6, -G1D6, -



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

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					G1H6, -G1D6, GSO-480-A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B2C6, -B2D6, IGO-480-A1B6, IGSO-480-A1A6, -A1E6, -A1F3, -A1F6, IVO-540-A1A, O-540-A1A, -A1A5, -A1B5, -A1C5, -A2B, -A4A5, -A4B5, -A4C5, -B1B5, -B2B5, -B4B5, -E4B5, -F1A5, -H1A5, -H2A5, VO-540-A1A, -A2A, -B1A, -B1E, -B2A, -B2E, -C1B, -C2B
				Franklin Engines	4AC-176-B2, -B3, -BA2, -BA3, -C2, -C3, -D2, D3, -F2, -F3, 4AC-199-B2, -B3, -D2, -D3, -E2, -E3, -E4
				Franklin Sp. z.o.o.	4A-235-B, -B3, -B31, 6A4-150-B3, -B31, -B4, 6A4-165-B3, -B4, -B6, 6V4-178-B3, -B33, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					B32, 6V4-200-C32, -C33, 6A-335, -A, -B, -B1, -B1A, -D, -A, -B, -A, -A1A, -A1B, -B(1), -A, -A1, -B, -B1, 6A-350-C1, -C1A, -C2, -C2A, -D1, -D1A, 6A-350-D1B, 6AS-350-A, -A1, 6V-350-A, 6V-350-B
Bearing, Roller	ES10-400561	10-400561, 10-353060, ES10-353060	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400561 <u>Rev:</u> New <u>Date:</u> 8/19/21 or later FAA-approved revisions	Continental Aerospace Technologies,	O-200-A, -B, -C, IO-470-D,-F, -J, -K, -L, -N, -S, O-470-L, -R, -S, -U, GTSIO-520-D,-F, -H, -K, -L, -M, -N, IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -MB, LTSIO-520-AE, TSIO-520-AE, -AF, -B, -BB, -C, -CE, -D, -DB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -VB, -WB, IO-550-A, -B, -C, -D, -E, -F, -L, TSIOL-550-A, -C



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

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Supplement No.: 82
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				Lycoming Engines	O-235-C2B, -E2B, -F2B, -G2B, -J2B, -K2B, AEIO-320-D1B, -D2B, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, IO-320-B1D, -B1E, -D1A, -D1B, -D1C, O-320-D1C, -D1F, -D2C, -D2F, -E1C, -E1F, -E1F, -E2C, -E2F, AEIO-360-A1B, -A1B6, -A2B, -B1F, -B2F, AIO-360-A1A, -A1B, -A2A, -A2B, -B1B, HIO-360-C1B, -D1A, IO-360-A1B, -A1B6, -A1C, -A1D6, -A2B, -A2C, -B1E, -B1F, -B2E, -B2F, -B2F6, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -F1A, LIO-360-C1E6, O-360-A1F, -A1F6, -A1G, -A1G6, -A2F, -A2G, -A4G, -C1F, TIO-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					360-A1A, -A1B, TVO-435-B1B, - D1A, -F1A, - G1A, VO-435- B1A, GSO-480- B1J6, AEIO-540- D4B5, HIO-540- A1A, IGO-540- A1C, IGSO-540- A1A, -A1C, - A1D, -A1E, - A1F, -A1H, - B1A, -B1C, TIO- 540-AE2A, - AF1A, -AF1B, - AG1A, -AH1A, - AJ1A, -AK1A, IO-540-D4B5, - D4C5, -E1B5, - E1C5, -G1B5, - G1C5, D1D5, - G1E5, -G1F5, - J4A5, -K1A5, - K1B5, -K1E5, - K1F5, -K1G5, - K1H5, -K1J5, - K1K5, -L1A5, - L1C5, -M1A5, - P1A5, -R1A5, - S1A5, -AA1A5, LTIO-540-J2B, - U2A, O-540- B1D5, -B2C5, - E4C5, -G1A5, - G2A5, TIO-540- A1A, -A1B, - A1C, -A2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

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					A2B, -A2C, - C1A, -E1A, - G1A, -H1A, - J2B, -U2A, - W2A, VO-540- B1H3,-B2G, - C2C, TIGO-541- B1A, -D1A, - D1B, -E1A,TIO- 540-A1A, - AE2A, -AF1A, AF1B, -AG1A, - AH1A, -AJ1A, - AK1A, -E1A4, - E1B4, -E1C4, - E1D4, IO-720- A1A, -A1B, - B1A, -B1B, - C1B, -D1B, - D1C
Bearing, Sleeve	ES10-25788	10-357078, 10-25788, 736	Test and Computations per 14 CFR 21.303 DWG No: ES10-25788 Rev: New Date: 10/25/21 or later FAA-approved revisions	Continental Motors	A-40, -2, -3, -4, -5, -80-6, -8, -9
				Continental Aerospace Technologies	A-50-1, -7, -4, -5, -6, -7, -8, -9, A-65-6, -8, -9, -12, A-75-3, -6, -8, A-100-1, -2, C-78-8, -12, -15, C-85-8, -12, -14,-15, C90-8, -12, -14, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					15, C-115-1, -2, C-125-1, - 2,C145-2, -2H, E165-2, -3, - 4,E185-1, -2, -3, - 5, -8, -9, -10,-11, O200-A, -B, -C, - D, -X,E225-2, -4, -8, -9, IO-240-A,- B, GO-300-A, - B, -C, -D, -E, -F, O-300-A, -B, -C, -D, -E, IO-346-A, -AB, -AF, -C, - CB, -D, -DB, - ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB,LTSIO-360- E, -EB, -KB, TSIO-360-A, - AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, - HB, -JB, -KB, - LB, -MB, -SB, GIO-470-A,IO- 470-C, -D, -E, -F, -G, -H,-K, -L, - M, -N, -P, -R, -S, -U, -V, -VO, O- 470-A, -B, -E, - G, -GC1, -J, -K, - L, -M, -P, -R, -U, -2, -4, -11, -11B, -13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520, -



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

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					C, IO-520-A, -BA, -BB, -D, -E, -F, -K, -L, -M, -MB, TSIO-520-B, -BB, -BE, -C, -E, -EB, -VB, IO-550-A, -B, -C, -F, -G, -N, -P, -R, TSIO-550-A, -B, -C, -E, -G, -N, -J, IO-370-CL, -CM, -C1F, -D3A, -DA3A
				Textron Lycoming AVCO Corporation	O-145-B2, -B3, -C2, GO-145-C2, -C3Bearing,
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2C, -E1, -E1B, -E2A, -F1, -F1B, -F2A, -G1, -G1B, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, O-290-D(11), -D2, -D2A, -D2B, -D2C, AEIO-320-E1A, -E1B, -E2A, -E2B, IO-



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

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					320-A1A, -A2A, -B1A, -B1B, - B1C, -B2A, - C1A, -C1B, - E1A, -E1B, - E2A, -E2B, - F1A, LIO-320- B1A, -C1A, O- 320-A1A, -A1B, -A2A, -A2B, - A2C, -A2D, - A3A, -A3B, - A3C, -B1A, - B1B, -B2A, - B2B, -B2C, - B2D, -B3A, - B3B, -B3C, - C1A, -C1B, - C2A, -C2B, - C2C, -C3A, - C3B, -C3C, - D1A, -D1B, - D1D, -D2A, - D2B, -D2G, - D2H, -D2J, - D3G, -E1A, - E1B, -E2A, - E2B, -E2D, - E2G, -E2H, - E3D, -E3H, O- 340-A1A, -A2A, -B1A, AEIO- 360-A1A, -A1D, -A1E, -A2A, - B1B, -B1G6, - B4A, -H1A, - H1B, HIO-360-



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

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					A1A, -B1A, - B1B, -C1A, HO- 360-A1A, IO- 360-A1A, A1D, - A2A, -B1A, - B1B, -B1C, - B1D, -B1G6, - B4A, -C1A, - K2A, -L2A, - M1B, HO-360- B1A, -B1B, IVO- 360-A1A, O-360- A1A, -A1C, - A1D, -A1H, - A1H6, -A1P, - A2A, -A2D, - A2E, -A2H, - A3A, -A3D, - A4A, -A4D, - A4J, -A4K, - A4M, -A4N, - A4P, -B1A, - B1B, -B2A, - B2B, -C1A, - C1C, -C1E, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - C4F, -C4P, - D1A, -D2A, - D2B, -F1A6, - G1A6, -J2A, VO- 360-A1A, GO- 435-C2A2, - C2B2, O-435-6, - 6A, -23, -23A, - 23B, -25, -25A, -



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

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					A, -A2, -K, - K1,TVO-435- A1A, -B1A, - D1B, -G1B, VO- 435-A1B, -A1C, -A1D, -A1E, - A1F,GO-480-B, - B1A6, -B1C, - B1D, -C1D6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F4A6, -G1A6, - G1B6, -G1D6, - G1H6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, - B2C6, -B2D6, - B2G6, -B2H6, IGO-480-A1B6, IGSO-480-A1A6, -A1B6, -A1E6, - A1F3, -A1F6, O- 480-3, AEIO- 540-D4A5, - L1B5, IGO-540- A1A, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, -



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

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					D4A5, -E1A5, - G1A5, -K1C5, - K1D5, -N1A5, - T4B5, -V4A5, - W1A5, -AB1A5, -AC1A5, - AE1A5, IVO- 540-A1A, O-540- A1A, -A1A5, - A1B5, -A1C5, - A1D, -A1D5, - A2B, -A3D5, - A4A5, -A4B5, - A4C5, -A4D5, - B1A5, -B1B5, - B2A5, -B2B5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -F1A5, - F1B5, -H1A5, - H2A5, -J3A5, TIVO-540-A2A, VO-540-A1A, - A2A, -B1A, - B1B, -B1B3, - B1C, -B1D, - B1E, -B1F, - B2A, -B2C, - B2D, -B2E, - C1A, -C1B, - C1C3, -C2A, - C2B
				Franklin Sp. z.o.o	4AC-176-B2, - B3, -BA2, -BA3, -C2, -C3, -D2, - D3, -F2, -F3,



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

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					4AC-199-B2, -B3, -D2, -D3, -E2, -E3, -E4,4A-235-B, -B3, -B31, 6A4-150-B3, -B31, -B4, 6A4-165-B3, -B4, -B6, 6V4-178-B3, -B33, -B32, 6V4-200-C32, -C33, 6A-335-A, -B, -B1, -B1A, -D, 6AS-335-A, -B, 6V-335-A, A1A, -A1B, -B(1), 6VS-335-A, -A1, -B, -B1, 6A-350-C1, -C1A, -C2, -C2A, -D1, -D1A, -D1B, 6AS-350-A, -A1, 6V-350-A, -B
Cover, Magneto	ES10-349393-1	10-349393-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-349393 <u>Rev:</u> A <u>Date:</u> 3/17/22 or later FAA-approved revisions	Lycoming Engines	AIO-320-A1A, -A2A, IO-320-B1D, AIO-360-A1A, -A2A, HIO-360-C1B, -D1A, IO-360-A1C, -A2C, -C1B, TIO-360-A1A, -A1B, AEIO-540-D4B5, HIO-540-A1A, IGO-540-A1C, IGSO-540-A1A,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- D4B5, -D4C5, - E1B5, -E1C5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, - K1A5, -K1B5, - K1E5, -K1F5, - K1G5, -K1H5, - K1J5, -K1K5, - L1A5, -L1C5, - M1A5, -P1A5, - R1A5, -S1A5, - AA1A5, LTIO- 540-J2B, O-540- B1D5, -B2C5, - E4C5, -G1A5, - G2A5, TIO-540- A1A, -A1B, - A1C, -A2A, - A2B, -A2C, - C1A, -E1A, - G1A, -H1A, - J2B, -U2A, - W2A, VO-540- B1H3, -B2G, TIGO-541-B1A, -D1A, -D1B, - E1A, TIO-541- A1A, -E1A4, - E1B4, -E1C4, - E1D4, IO-720- A1A, -A1B, - B1A, -B1B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Supplement No.: 82
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Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					C1B, -D1B, -D1C
Cover, Magneto	ES10-349393-2	10-349393-2	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	O-200-A, -B, -C O-235-C2B, -E2B, -F2B, -G2B, -J2B, -K2B, AEIO-320-D1B, -D2B, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, IO-320-B1D, -B1E, -D1A, -D1B, -D1C, O-320-D1C, -D1F, -D2C, -D2F, -E1C, -E1F, -E1J, -E2C, O-320-E2F, AEIO-360-A1B, -A1B6, -A2B, -B1F, -B2F, -B2F6, AIO-360-A1A, -A1B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A2A, -A2B, - B1B, HIO-360- C1B, IO-360- A1B, -A1B6, - A1C, -A1D6, - A2B, -A2C, - B1E, -B1F, -B2E, -B2F, -B2F6, - C1B, -C1C, - C1C6, -C1D6, - C1E6, -C1F, - F1A, LIO-360- C1E6, O-360- A1F, -A1F6, - A1G, -A1G6, - A2F, -A2G, - A4G, -C1F, TIO- 360-A1A, -A1B, GSO-480-B1J6, HIO-540-A1A, IGO-540-A1C, IGSO-540-A1A, -A1C, -A1D, - A1E, -A1F, - A1H, -B1A, - B1C, IO-540- D4B5, -D4C5, - E1B5, -E1C5, - G1B5, -G1C5, - G1D5, -G1E5, - G1F5, -J4A5, - K1A5, -K1B5, - K1E5, -K1F5, - K1G5, -K1H5, - K1J5, -K1K5, - L1A5, -L1C5, - M1A5, -P1A5, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					R1A5, -S1A5, -AA1A5, -LTIO-540-J2B, O-540-B1D5, -B2C5, -E4C5, -G1A5, -G2A5, TIO-540-A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -E1A, -G1A, -H1A, -J2B, -W2A, TIGO-541-B1A, -D1A, -D1B, -E1A, TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4,
Cover, Magneto	ES10-349393-3	ES10-349393-3	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4B5, IO-540-G1D5, -K1B5, -S1A5, O-540-E4C, TIO-540-E1A, -H1A, IO-720-C1B
Cover, Magneto	ES10-349393-4	10-349393-4	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Lycoming Engines	TVO-435-B1B, -D1A, -F1A, -G1A, VO-435-B1A, VO-540-C2C



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cover, Magneto	ES10-349393-5	ES10-349393-5	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Lycoming Engines	IGO-540-A1C, IGSO-540-A1A, A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C, TVO-435-B1B, -D1A, -F1A, -G1A, GSO-480-B1J6, VO-540-B1H3, -B2G, -C2C, TIGO-541-B1A, -D1A, -D1B, -E1A, TIO-541-A1A, -E1A4, -E1B4, -E1C4, -E1D4
Cover, Magneto	ES10-349393-8	ES10-349393-8	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -L, -MB, IO-470-D, -F, -J, -K, -L, -N, -S, O-470-L, -R, -S, -U, GTSIO-520-D, -F, -H, -K, -L, -M, -N, LTSIO-520-AE, TSIO-520-AE, -AF, -B, -BB, -C, -CE, -D, -DB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -M, -N, -NB, -P, -R, -T, -UB, -WB, IO-550-A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B, -C, -D, -E, -F, -L, TSIOL-550-C
Cover, Magneto	ES10-349393-9	10-349393-9	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-520-K
Magneto	ES10-349393-10	10-349393-10	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-L, IO-520-B, -BA, -BB, -C, -CB, -K, GTSIO-520-D, -F, -H, -K, -L, -M, -N, TSIO-520-B, -BB, -D, -DB, -J, -JB, -K, -KB, -L, -LB, -N, -NB, -R, -UB, -WB, IO-550-B, -D, -E
Cover, Magneto	ES10-349393-11	10-349393-11	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies	IO-470-D, -F, -J, -K, -L, -N, -S, O-470-L, -R, -S, -U, IO-520-A, -BA, -BB, -C, -CB, -D, -E, -F, -J, -L, -MB, LTSIO-520-AE, TSIO-520-AE, -AF, -C, -CE, -D, -DB, -G,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-H, -JB, -M, -NB, -P, -R, -T, -UB, IO-550-A, -B, -C, -D, -E, -F, -L, TSIOL-550-C
Cover, Magneto	ES10-391514-1	10-391514-1	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	GTSIO-520-D, -H, -L, -N, TSIO-520-N, -NB, TSIOL-550-A LTIO-540-U2A, TIO-540-U2A, TIGO-541-E1A
Magneto	ES10-391514-2	10-391514-2	Test and Computations per 14 CFR 21.303 DWG No: ES10-349393 Rev: A Date: 3/17/22 or later FAA-approved revisions	Continental Aerospace Technologies Lycoming Engines	GTSIO-520-D, -H, -L, -N, TSIO-520-N, -NB, TSIOL-550-A LTIO-540-U2A, TIO-540-U2A, TIGO-541-E1A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Lycoming Division AVCO Corp	O-290-D2C
Housing, Distributor	ES10-400551-4	10-400551-4	Test and Computations per 14 CFR 21.303 DWG No: ES10-400551 Rev: New Date: 3/2/22 or later FAA-approved revisions	Lycoming Engines	GO-480-G2F6, AEIO-540-D4A5, -L1B5, IO-540-A1A5, -B1A5, -B1B5, -B1C5, -C1B5, -C1C5, -C4B5, -D4A5, -E1A5, -G1A5, -K1C5, -K1D5, -N1A5, -T4B5, -V4A5, -W1A5, -AB1A5, -AC1A5, O-540-A1D, -A1D5, -A3D5, -A4D5, -B1A5, -B1B5, -B2A5, -B2B5, -B4A5, -B4B5, -D1A5, -E4A5, -E4B5, -F1B5, -H2A5, -J3A5
Housing, Distributor	ES10-400551-6	10-400551-6	Test and Computations per 14 CFR 21.303 DWG No: ES10-400551 Rev: New Date: 3/2/22 or later FAA-approved revisions	Lycoming Engines	O-435-25, -25A, TVO-435-A1A, -B1A, -D1B, -G1B, VO-435-A1E, -A1F, TIVO-540-A2A, VO-540-B1B, -B1B3, -B1C, -B1D, -B1F, -B2D, -C1A, -C1C3, -C2A



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Housing, Distributor	ES10-400551-7	10-400551-7	Test and Computations per 14 CFR 21.303 DWG No: ES10-400551 Rev: New Date: 3/2/22 or later FAA-approved revisions	Continental Aerospace Technologies	A-40, -2, -3, -4, -5, A-50-1, -7, A-65-12, A-100-1, -2, C-75-12, -15, C-85-12, -14, -15, C90-12, -14, -16, C-115-1, -2, C-125-1, -2, C-145-2, -2H, E-165-2, -3, -4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, -D, -X, E-225, -2, -4, -8, -9, IO-240-A, -B, O-300-A, -B, -C, -D, -E, IO-360-A, -AB, -AF, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, LTSIO-360-E, -EB, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, -SB, GIO-470-A, IO-470-C, -D, -E, -F, -G, -H, -M, -P, -R, O-470-A, -B, -E, -G, -GCI, -J, -K, -L, -M, -P, -R, -U, -2, -4, -11, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
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Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					11B, -13, -13A, -15, TSIO-470-B, -C, -D, GTSIO-520-C, IO-520-A, -BA, -BB, -D, -F, -K, -L, IO-550-B, -C, -F, -G, -N, -P, -R
				Lycoming Engine	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2C, -E1, -E1B, -E2A, -F1, -F1B, -F2A, -G1, -G1B, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, AEIO-320-E1A, -E1B, -E2A, -E2B, 10-320-A1A, -A2A, -B1A, -B1B, -B1C, -B2A, -C1A, -C1B, -E1A, -E1B, -E2A, -E2B, -F1A, O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B2B, -B2C, O-320-B2D, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -C2C, -C3A, -C3B, -C3C, -D1A, -D1B, -D1D, -D2A, -D2B, -D2G, -D2H, -D2J, -D3G, -E1A, -E1B, -E2A, -E2B, -E2D, -E2G, -E2H, -E2D, -E3H, O-340-A1A, -A2A, -B1A, AEIO-360-A1A, -A1D, -A1E, -A2A, -B1B, -B1G6, -B4A, -H1A, -H1B, HIO-360-B1B, -C1A, HO-360-A1A, -B1A, IO-360-A1A, -A1D, -A2A, -B1A, -B1B, -B1C, -B1D, -B1G6, -B4A, -C1A, -K2A, -L2A, -M1B, IVO-360-A1A, O-360-A1A, -A1C, -A1D, -A1H, -A1H6, -A1P, -A2A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A2D, -A2E, - A2H, -A3A, - A3D, -A4A, - A4D, -A4J, - A4K, -A4M, - A4N, -A4P, - B1A, -B1B, - B2A, -B2B, - C1A, -C1C, - C1E, -C1G, - C2A, -C2B, - C2C, -C2D, - C2E, -C2F, -C4P, -D1A, -D2A, - D2B, -F1A6, - G1A6, -J2A, VO- 360-A1A, GO- 435-C2A2, - C2B2, -C2E, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -K, -K1, TVO-435- A1A, -B1A, - D1B, -G1B, VO- 435-A1B, -A1C, -A1D, -A1E, - A1F, GO-480-B, -B1A6, -B1C, - B1D, -C1D6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F4A6, -G1A6, - G1B6, -G1D6, - G1H6, -G2D6, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
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Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					G2F6, GSO-480-A1A6, -A1C6, -A2A6, -B1A6, -B1B3, -B1B6, -B1C6, -B1E6, -B1F6, -B1G6, -B2C6, -B2D6, -B2G6, -B2H6, IGO-480-A1B6, IGSO-480-A1A6, -A1B6, -A1E6, -A1F3, -A1F6, O-480-3, AEIO-540-D4A5
				Textron Lycoming AVCO Corporation	O-145-B2, -B3, -C2, GO-145-C2, -C3
				Lycoming Division AVCO Corp	O-290-D(-11), -D2, -D2A, -D2B, -D2C
Housing, Distributor	ES10-400551-8	10-400551-8	Test and Computations per 14 CFR 21.303 DWG No: ES10-400551 Rev: New Date: 3/2/22 or later FAA-approved revisions	Continental Aerospace Technologies	A-50-4, -5, -6, -8, -9, A-65-3, -6, -8, -9, -14, A75-3, -6, -8, -9, C75-8, C85-8, C90-8, -12, GO-300-A, -B, -C, -D, -E, IO-346-A, IO-360-A, -AB, -AF, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, LTSIO-360-E, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					EB, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB, -F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, -SB, IO-470-C, -D, -E, -F, -G, -H, -K, -L, -M, -N, -P, -R, -S, -U, -V, -VO, O-470-A, -B, -E, -G, -GCI, -J, -K, -L, -M, -P, -R, -U, 2, TSIO-470-B, -C, -D, IO-520-A, -BA, -BB, -D, -E, -F, -K, -L, -M, -MB, GTSIO-520-C, TSIO-520-B, -BB, -BE, -C, -E, -EB, -VB, IO-550-A, -B, -C, -F, -G, -N, -P, -R, TSIO-550-A, -B, -C, -E, G, -K, -N,
				Continental Motors	A-80-6J, -8, -9,
				Franklin Engines	4AC-176-B2, -B3, -BA2, -BA3, -C2, -C3, -D2, -D3, -F2, -F3, 4AC-199-B2, -B3, -D2, -D3, -E2, -E3, -E4



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
				Franklin Sp. z.o.o	4A-235-B, -B3, -B31, 6A4-150-B3, -B31, -B4, 6A4-165-B3, -B4, -B6, 6V4-178-B3, -B33, -B32, 6V4-200-C32, -C33, 6A-335-A, -B, -B1, -B1A, -D, 6AS-335-A, -B, 6V-335-A, -A1A, -A1B, -B(1), 6VS-335-A, -A1, -B, -B1, 6A-350-C1, -C1A, -C2, -C2A, -D1, -D1A, -D1B, 6AS-350-A, -A1, 6V-350-A, -B
1200 Series Frame	ES10-400671-1	10-400671-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400671 <u>Rev:</u> A <u>Date:</u> 6/20/23 or later FAA-approved revisions	Lycoming Engines	AIO-360-AIA, HIO-360-C1B, -D1A, IO-360-A1C, -A2C, -C1B, TIO-360-A1B
1200 Series Frame	ES10-400671-2	10-400671-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> ES10-400671 <u>Rev:</u> A <u>Date:</u> 6/20/23 or later FAA-approved revisions	Lycoming Engines	AIO-320-A1A, -A2A, IO-320-B1D, AIO-360-A2A, HIO-360-C1B, TIO-360-A1A, VO-435-B1A, TVO-435-B1B, -D1A, -



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

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					F1A, -G1A, VO-540-C2C, TIO-540-U2A, LTIO-540-U2A, TIGO-541-E1A
1200 Series Frame	ES10-400671-3	10-400671-3	Test and Computations per 14 CFR 21.303 DWG No: ES10-400671 Rev: A Date: 6/20/23 or later FAA-approved revisions	Lycoming Engines	O-235-C2B, -E2B, -F2B, -G2B, -J2B, -K2B, AEIO-320-D1B, -D2B, AIO-320-A1A, -A1B, -A2A, -A2B, -B1B, -C1B, IO-320-B1D, -B1E, -D1A, -D1B, -D1C, O-320-D1C, -D1F, -D2C, -D2F, -E1C, -E1F, -E1J, -E2C, -E2F, AEIO-360-A1B, -A1B6, -A2B, -B1F, -B2F, -B2F6, AIO-360-A1A, -A1B, -A2A, -A2B, -B1B, HIO-360-C1B, IO-360-A1B, -A1B6, -A1C, -A1D6, -A2B, -A2C, -B1E, -B2E, -B2F, -B2F6, -C1B, -C1C, -C1C6, -C1D6, -C1E6, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

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					C1F, -F1A, O-360-A1F, A1F6, -A1G, -A1G6, -A2F, -A2G, -A4G, -C1F, LIO-360-C1E6, TIO-360-A1A, -A1B, VO-435-B1A, TVO-435-B1B, -D1A, -F1A, -G1A, GSO-480-B1J6, O-540-B1D5, -B2C5, -E4C5, -G1A5, -G2A5, IO-540-D4B5, -D4C5, -E1B5, -E1C5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1E5, -K1F5, -K1G5, -K1H5, -K1J5, -K1K5, -LIA5, -L1C5, -M1A5, -P1A5, -R1A5, -S1A5, -AA1A5, IGO-540-A1C, IGSO-540-A1A, -A1C, -A1D, -A1E, -A1F, -A1H, -B1A, -B1C, VO-540-B1H3, -B2G, AEIO-540-D4B5, HIO-540-A1A, TIO-540-A1A, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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Project No.: HET-PMA-ODA-028

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					A1B, -A1C, - A2A, -A2B, - A2C, -C1A, - E1A, -H1A, - J2B, -W2A, - U2A, TIGO-541- B1A, -D1A, - D1B, -E1A, LTIO-540-J2B, - U2A, VO-540- B1H3, -B2G, - C2C, TIO-541- A1A, -E1A4, - E1B4, -E1C4, - E1D4
				Continental Aerospace Technologies	O-200-A, -B, -C, LTSIO-520-AE, GTSIO-520-D, - F, -H, -K, -L, -M, -N, O-470-L, -R, -S, -U, IO-470-D, -F, -J, -K, -L, -N, -S, IO-520-A, -B, -BA, -BB, -C, - CB, -D, -E, -F, -J, -K, -L, -MB, TSIO-520-B, - BB, -C, -CE, -D, -DB, -AE, -AF, - G, -H, -J, -JB, -K, -KB, -L, -LB, - M, -N, -NB, -P, - R, -T, -UB, -WB, IO-550-A, -B, -C, -D, -E, -F, -L,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

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					TSIOL-550-A, -C
1200 Series Frame	ES10-400671-4	10-400671-4	Test and Computations per 14 CFR 21.303 DWG No: ES10-400671 Rev: A Date: 6/20/23 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4B5, HIO-540-A1A, IO-540-D4B5, -D4C5, -E1B5, -E1C5, -G1B5, -G1C5, -G1D5, -G1E5, -G1F5, -J4A5, -K1A5, -K1B5, -K1E5, -K1F5, -K1G5, -K1H5, -K1J5, -K1K5, -L1A5, -L1C5, -M1A5, -P1A5, -R1A5, -S1A5, -AA1A5, O-540-B1D5, -B2C5, -E4C5, -G1A5, -G2A5, TIO-540-A1A, -A1B, -A1C, -A2A, -A2B, -A2C, -C1A, -E1A, -G1A, -H1A, -J2B, -W2A
200 Series Frame	ES10-400552-1	10-400552-1	Test and Computations per 14 CFR 21.303 DWG No: ES10-400552 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-360-A, -AB, -AF, -C, -CB, -D, -DB, -ES, -G, -GB, -H, -HB, -J, -JB, -K, -KB, TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -EB,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					-F, -FB, -GB, -H, -HB, -JB, -KB, -LB, -MB, -SB
200 Series Frame	ES10-400552-2	10-400552-2	Test and Computations per 14 CFR 21.303 DWG No: ES10-400552 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Aerospace Technologies	LTSIO-360-E, -EB, -KB, IO-470-C, -D, -E, -F, -G, -H, -M, -P, -R, O-470-A, -B, -E, -G, -GCL, -J, -K, -L, -M, -P, -R, -U, -2, TSIO-470-B, -C, -D, TSIO-520-BE, IO-550-B, -C, -F, -G, -N, -P, -R, TSIO-550-A, -B, -C, -E, -G, -K, -N
200 Series Frame	ES10-400552-3	10-400552-3	Test and Computations per 14 CFR 21.303 DWG No: ES10-400552 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-346-A, GIO-470-A, IO-470-C, -D, -E, -F, -K, -L, -M, -N, -S, -U, -V, -VO, O-470-L, -R, TSIO-470-B, -C, -D, GTSIO-520-C, TSIO-520-B, -BB, -C, -E, -EB, -VB, IO-550-A
200 Series Frame, Lyc Flange	ES10-400549-1	10-400549-1	Test and Computations per 14 CFR 21.303 DWG No: ES10-400549 Rev: B	Continental Aerospace Technologies	A-65-12, A-100-1, -2, C-75-12, -15, C-85-12, -14, -15, C90-12, -14, -16, C-115-1, -2, C125-1, -2, C145-2, -2H, E-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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			Date: 7/28/23 or later FAA-approved revisions		165-2, -3, -4, E-185-1, -2, -3, -5, -8, -9, -10, -11, O-200-A, -B, -C, -D, -X, E-225-2, -4, -8, -9, IO-240-A, -B, O-240-A, O-300-A, -B, -C, -D, -E, O-470-4, -11, -11B, -13, -13A, -15
				Textron Lycoming AVCO Corporation	O-145-B2, -B3, -C2, GO-145-C2, -C3, O-290-D, -11, -D2, -D2A, -D2B
				Lycoming Engines	O-235-C1, -C1A, -C1C, -C2A, -C2C, -E1, -E2A, -F1, -F2A, -G1, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, AEIO-320-E1A, -E1B, -E2A, -E2B, IO-320-B1A, -B1B, -B1C, -B2A, -C1A, -C1B, -E1A, -E1B, -E2A, -E2B, -F1A, O-320-



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					A1A, -A1B, - A2A, -A2B, - A2D, -A3A, - A3B, -B1A, - B1B, -B2A, - B2B, -B2D, - B3A, -B3B, - C1A, -C1B, - C2A, -C2B, - C3A, -C3B, - D1A, -D1D, - D2A, -D2G, - D2H, -D2J, - D3G, -E1A, - E2A, -E2D, - E2G, -E2H, - E3D, -E3H, O- 340-A1A, -A2A, -B1A, AEIO- 360-A1D, -A1E, -B1G6, -B4A, - H1A, -H1B, IO- 360-A1D, - B1G6, -B4A, - K2A, -L2A, - M1B, O-360- A1A, -A1H, - A1H6, -A2A, - A2H, -A3A, - A4A, -A4D, - A4J, -A4K, - A4M, -A4N, - A4P, -B1A, - B2A, -C1A, - C1E, -C1G, - C2A, -C2B, - C2E, -C4F, -C4P,



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					-D1A, -D2A, - F1A6, -G1A6, VO-360-A1A, GO-435-C2A2, - C2B2, -C2E, GO-480-B, - B1A6, -B1C, - B1D, -C1D6, - C2D6, -C2E6, - E1A6, -F1A6, - F2A6, -F2D6, - F3A6, -F4A6, - G1A6, -G1D6, - G1H6, IGO-480- A1B6, IGSO- 480-A1E6, - A1F3, -A1F6, IO-540-C2C, O- 540-A1A, - A1A5, -A1B5, - A1C5, -A2B, - A4A5, -A4B5, - A4C5, -B1B5, - B2B5, -B4B5, - E4B5, -F1A5, - H1A5, -H2A5
200 Series Frame, Lyc Flange	ES10- 400549-2	10-400549-2	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400549 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Motors	A-80-6J, -8, -9



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

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				Continental Aerospace Technologies,	A-50-8, -9, A-65-3, -6, -8, -9, -14, A-75-3, -6, -8, -9, C75-8, C85-8, C90-8, GO-300-A, -B, -C, -D, -E, -F
				Lycoming Engines	O-435-6, -6A, -23, -23A, -23B, VO-435-A1B, -A1C, -A1D, LIO-320-B1A, -C1A, GO-480-D1A, -G1B6, GSO-480-A1A6, -A1C6, -A2A6, -B1A6, -B1B6, -B1C6, -B2C6, -B2D6, IGSO-480-A1A6, O-480-3, IVO-540-A1A, VO-540-A1A, -A2A, -B1A, -B1E, -B2A, -B2E, -C1B, -C2B
				Franklin Engines	4AC-176-B2, -B3, -BA2, -BA3, -C2, -C3, -D2, -D3, -F2, -F3, 4AC-199-B2, -B3, -D2, -D3, -E2, -E3, -E4
				Franklin Sp. z.o.o.	4A-235-B, -B3, -B31, 6A4-150-B3, -B31, -B4,



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

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					6A4-165-B3, -B4, -B6, 6V4-178-B3, -B33, -B32, 6V4-200-C32, -C33, 6A-335-A, -B, -B1, -B1A, -D, 6AS-335-A, -B, 6V-335-A, -A1A, -A1B, -B(1), 6VS-335-A, -A1, -B, -B1, 6A-350-C1, -C1A, -C2, -C2A, -D1, -D1A, -D1B, 6AS-350-A, -A1, 6V-350-A, -B
200 Series Frame, Lyc Flange	ES10-400549-4	10-400549-4	Test and Computations per 14 CFR 21.303 DWG No: ES10-400549 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Motors	A-40, -2, -3, -4, -5, A-80-6J, -8, -9
				Continental Aerospace Technologies,	A-50-1, -5, -6, -7, -8, -9, A-65-3, -6, -8, -9, -14, A75-3, -6, -8, -9, C75-8, C85-8, C90-8, -12, -14, -16, O-200-A, -B, -C, O-300-A, -B, -C, -D, -E



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

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Project No.: HET-PMA-ODA-028

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				Lycoming Division AVCO Corporation	O-290-D(11), -D2, -D2A, -D2B, -D2C, O-145-B2, -B3, -C2, GO-145-C2, -C3
				Lycoming Engines	O-235-C1, -C1A, -C1B, -C1C, -C2A, -C2C, -E1, -E1B, -E2A, -F1, -F1B, -F2A, -G1, -G1B, -G2A, -H2C, -J2A, -K2A, -K2C, -L2A, -L2C, -M1, -M2C, -M3C, -N2A, -N2C, -P1, -P2A, -P2C, -P3C, AEIO-320-E1A, -E1B, -E2A, -E2B, IO-320-A1A, -A2A, -B1A, -B1B, -B1C, -B2A, -E1A, -E1B, -E2A, -E2B, O-320-A1A, -A1B, -A2A, -A2B, -A2C, -A2D, -A3A, -A3B, -A3C, -B1A, -B1B, -B2A, -B2B, -B2C, -B2D, -B3A, -B3B, -B3C, -C1A, -C1B, -C2A, -C2B, -



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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					C2C, -C3A, - C3B, -C3C, - D1A, -D1B, - D1D, -D2A, - D2B, -D2G, - D2H, -D3G, - E1A, -E1B, - E2A, -E2B, - E2D, -E2G, - E2H, -E3D, - E3H, O-340- A1A, -A2A, - B1A, AEIO-360- A1A, -A1D, - A1E, -A2A, - B1B, -B4A, - H1A, HIO-360- A1A, -B1A, - B1B, -C1A, HO- 360-A1A, -B1A, -B1B, IO-360- A1A, -A1D, - A2A, -B1A, - B1B, -B1C, - B1D, -B1G6, - B4A, -C1A, - K2A, -M1B, IVO-360-A1A, LO-360-A1H6, O-360-A1A, - A1C, -A1D, - A1H, -A1H6, - A1P, -A2A, - A2D, -A2E, - A2H, -A3A, - A3D, -A4A, - A4D, -A4J, -



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

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					A4K, -A4M, - B2B, -C1A, - C1C, -C1E, - A4P, -B1A, - B1B, -B2A, - C1G, -C2A, - C2B, -C2C, - C2D, -C2E, - C4F, -C4P, - D1A, -D2A, - D2B, -J2A, GO- 435-C2A2, - C2B2, -C2E, O- 435-6, -6A, -23, - 23A, -23B, -25, - 25A, -A, -A2, -K, -K1, TVO-435- A1A, -B1A, - D1B, -G1B, VO- 435-A1B, -A1C, -A1D, -A1E, - A1F, GO-480-B, -B1A6, -B1C, - B1D, -C1D6, - C2D6, -C2E6, - D1A, -E1A6, - F1A6, -F2A6, - F2D6, -F3A6, - F4A6, -G1A6, - G1B6, -G1D6, - G1H6, -G2D6, - G2F6, GSO-480- A1A6, -A1C6, - A2A6, -B1A6, - B1B3, -B1B6, - B1C6, -B1E6, - B1F6, -B1G6, -



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**Federal Aviation
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FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Hartzell Engine Technologies LLC
2900 Selma Highway
Montgomery, AL 36108

PMA No.: PQ1383CE
Supplement No.: 82
Date: 12/1/2023
Project No.: HET-PMA-ODA-028

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					B2C6, -B2D6, - B2G6, -B2H6, IGO-480-A1B6, IGSO-480-A1A6, -A1B6, -A1E6, - A1F3, -A1F6, O- 480-3, AEIO- 540-D4A5, - L1B5, IGO-540- A1A, -B1A, - B1C, IO-540- A1A5, -B1A5, - B1B5, -B1C5, - C1B5, -C1C5, - C2C, -C4B5, - D4A5, -E1A5, - G1A5, -K1C5, - K1D5, -N1A5, - T4B5, -V4A5, - W1A5, -AB1A5, -AC1A5, - AE1A5, IVO- 540-A1A, O-540- A1A, -A1A5, - A1D, -A1D5, - A2B, -A3D5, - A4A5, -A4D5, - B1A5, -B1B5, - B2A5, -B2B5, - B4A5, -B4B5, - D1A5, -E4A5, - E4B5, -F1A5, - F1B5, -H2A5, - J3A5, TIVO-540- A2A, VO-540- A1A, -A2A, - B1A, -B1B, -



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					B1B3, -B1C, - B1D, -B1E, - B1F, -B2A, - B2C, -B2D, - B2E, -C1A, - C1B, -C1C3, - C2A, -C2B
200 Series Frame, Lyc Flange	ES10- 400552-2	10-400552-2	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400549 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-520-A, -BA, - BB, -D, -F, -K, - L
200 Series Frame, Lyc Flange	ES10- 400552-3	10-400552-3	Test and Computations per 14 CFR 21.303 DWG No: ES10- 400549 Rev: B Date: 7/28/23 or later FAA-approved revisions	Continental Aerospace Technologies	IO-520-BA, -BB, -E, -M, -MB
Harness	KA14011	M4011	Test and Computations per 14 CFR 21.303 DWG No: KA14011 Rev: New Date: 8/2/21 or later FAA-approved revisions	Lycoming Engines	IO-360-E1A
Harness	KA16003	M6003	Test and Computations per 14 CFR 21.303 DWG No: KA16003	Lycoming Engines	IO-540-G1D5, - G1E5, -G1F5, - K1B5, -K1E5, -



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Administration**

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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
			Rev: A Date: 6/13/23 or later FAA-approved revisions		K1G5, -K1H5, - K1K5, -L1A5, - L1C5
Harness	KA16004	M6004	Test and Computations per 14 CFR 21.303 DWG No: KA16004 Rev: New Date: 8/2/21 or later FAA-approved revisions	Lycoming Engines	O-540-B2B5, - B4B5, -E4B5
Harness	KA16015	M6015	Test and Computations per 14 CFR 21.303 DWG No: KA16015 Rev: New Date: 7/1/21 or later FAA-approved revisions	Lycoming Engines	IO-540-J4A5
Harness	KA16016	M6016	Test and Computations per 14 CFR 21.303 DWG No: KA16016 Rev: New Date: 7/1/21 or later FAA-approved revisions	Lycoming Engines	IO-540-E1B5, - E1C5
Harness	KA16032	M6032	Test and Computations per 14 CFR 21.303 DWG No: KA16032 Rev: B Date: 7/15/21 or later FAA-approved revisions	Lycoming Engines	IO-540-A1A5, - B1B5, -B1C5, - B1A5, -E1A5, - G1A5, -G1E5, - K1D5



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of Transportation
**Federal Aviation
Administration**

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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
Harness	KA16042	M6042	Test and Computations per 14 CFR 21.303 DWG No: KA16042 Rev: A Date: 6/9/23 or later FAA-approved revisions	Lycoming Engines	IO-540-B1A5, -C1B5, -C4B5, -C4C5, -C4D5, -D4A5, -A1A5, -B1B5, -B1C5, -A1B5, -A1D, -A1D5, -B2A5, -D1A5, -E4A5, -F1B5
Harness	KA16057	M6057	Test and Computations per 14 CFR 21.303 DWG No: KA16057 Rev: A Date: 6/9/23 or later FAA-approved revisions	Lycoming Engines	LTIO-540-J2B, TIO-540-J2B
Harness	KA16068	M6068	Test and Computations per 14 CFR 21.303 DWG No: KA16068 Rev: A Date: 5/30/23 or later FAA-approved revisions	Continental Aerospace Technologies	E165-2, -3, -4, E185-1, -10, -11, E185-2, -3, -5, -8, -9, E225-2, -4, -8, -9, O-470-11, -11B, -11B-C1, -13, -13A, -15, -4, -11-C1
Harness	KA16071	M6071	Test and Computations per 14 CFR 21.303 DWG No: KA16071 Rev: A Date: 6/9/23 or later FAA-approved revisions	Continental Aerospace Technologies	E165-2, -3, -4, E185-1, 5-10, E185-11, -2, -3, -5, -8, -9, E225-2, E225-4, -8, -9, O-470-11, -11B, -11B-C1, -11-C1, -13, -13A, -15, -4
Harness	KA14012	M4012	Test and Computations per 14 CFR 21.303	Lycoming Engines	AEIO-360-A1B, -A1B6, A1C, -



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			DWG No: KA14012 Rev: New Date: 7/15/21 or later FAA-approved revisions		A2C, AEIO-390-A1B6, -A3B6, HIO-390-A1A, IO-360-A1B, -A1C, -A1D6, -C1B, -C1D6, -M1A, -N1A, -A2B, -A2C, -A1B6, IO-390-A1A6, -A1B6, -A3A6, -A3B6, -C1A6, -C1B6, -C3A6, -C3B6, -D1A6, -D1B6, -D3A6, -D3B6
Harness	KA16017	M6017	Test and Computations per 14 CFR 21.303 DWG No: KA16017 Rev: A Date: 6/13/23 or later FAA-approved revisions	Lycoming Engines	IO-540-J4A, -M1A5, -M1C5
Harness	KA16030	M6030	Test and Computations per 14 CFR 21.303 DWG No: KA16030 Rev: New Date: 7/1/21 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4A5, -D4B5, IO-540-G1B5, -K1B5, -K1F5, -K1J5, -M1A5, -M1C5, -N1A5, -R1A5

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



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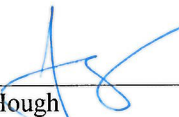
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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Harness	KA16017	M6017	Test and Computations per 14 CFR 21.303 DWG No: KA16017 Rev: A Date: 6/13/23 or later FAA-approved revisions	Lycoming Engines	IO-540-J4A, -M1A5, -M1C5
Harness	KA16030	M6030	Test and Computations per 14 CFR 21.303 DWG No: KA16030 Rev: New Date: 7/1/21 or later FAA-approved revisions	Lycoming Engines	AEIO-540-D4A5, -D4B5, IO-540-G1B5, -K1B5, -K1F5, -K1J5, -M1A5, -M1C5, -N1A5, -R1A5
-----End of Listing-----					

NOTE: Minor design changes (reference 14 CFR §§ 21.319 and 21.619) and major design changes (reference 14 CFR §§ 21.319 and 21.619) to drawings and specifications must be accomplished in accordance with the FAA approved PMA ODA procedures manual



Judd Hough
PMA ODA Administrator
Hartzell Engine Technologies LLC

12/1/23
Date