

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Accessories, Inc.
1240 Springwood Church Rd.
Gibsonville, NC 27249

PMA NO. PQ1206CE
SUPPLEMENT NO. 105
DATE January 27, 2017

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Spark Plug	URHB32E	Allied Signal (Autolite) Part No. SL 350	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> URHB32E <u>Rev:</u> C	Pratt & Whitney	Wasp Series, Twin Wasp Series, Double Wasp Series, Wasp Major Series
		Champion Part No. RHB32E	<u>Date:</u> 01/22/2010 or later FAA– approved revisions.	Teledyne Continental	O-470-T,U IO-470-D, E, F, H, L, LO, M, N, S, U, V, VO GIO-470-A TSIO-470-B, C, D IO-520 Series LIO-520 Series TSIO-520 Series GTSIO-520 Series LTSIO-520 Series IO-550 Series
				Textron Lycoming, AVCO	TO-360-A1A6D, C1A6D, E1A6D, F1A6D TIO-360-A, C Series HIO-360-E1AD, E1BD, FIAD IVO-360-A1A, A1B LTO-360-A1A6D, E1A6D LHIO-360-F1AD O-435-A1A VO-435 Series TVO-435 Series GO-480-G Series

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	URHB32E (continued)				IGO-480-A Series IGSO-480-A Series IO-540-E, G, K, L, M, P, R, S, U, AA Series IGO-540-A, B Series IGSO-540-A, B Series TIO-540-A, C, E, F, G, H, J, K, N, R, S, T, U, V, W, AB, AE, AF, AG, AH, AJ Series LTIO-540-F, J, K, N, R, U, V, W Series TIO-541-A, E Series TIGO-541-B, C, D, E, G Series IO-720-A, B, C, D Series
				Wytwornia Sprzetu Komunikacyjnego "PZL-RZESZOW" SPOLKA AKCYJNA (Franklin Sp. Z.o.o.)	2A-120 Series 4A-235 Series 6AS-335 Series 6V-335 Series 6VS-335 Series 6A-350 Series 6AS-350 Series 6V-350 Series
				Curtiss-Wright	Cyclone R-1820 Series
				Lycoming Engines, Superior Air Parts	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D6, A1D6D, A2A, A2B, A3B6, A3B6D, C1B, C1C, C1C6, C1D6, C1E6, C1F O-540-L3C5D IO-540-J4A5 TIO-540-AA1AD

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	URHB32E (continued)				AEIO-540-L1B5, L1B5D TIVO-540-A2A
Spark Plug	URHB32S	Champion Aircraft Products Part No. RHB32N	Test and Computation per 14 CFR § 21.303 <u>Dwg. No:</u> URHB32S <u>Rev:</u> F <u>Date:</u> 01/22/2010 or later FAA-approved revisions.	Wytownia Sprzetu Komunikacyjnego "PZL-RZESZOW" SPOLKA AKCYJNA (Franklin Sp. Z.o.o.)	6A-335-B, B1A, D 6A-350-C1, C1A, C2, C2A, D, D1, D1A, D1B, C1R, C1L
		Part No. RHB37N		Pratt & Whitney	Twin Wasp-SC-G, SC3-G, S1C-G, S1C3-G, S3C4-G, S4C4-G
		Part No. RHB32E			Double Wasp-CA3, CA5, CA15, CA17, CA18, CA19, R2800-97, CB3, CB4, CB16, CB17
		Part No. RHB32S		Teledyne Continental	O-470-T, U IO-470-D, E, F, H, L, LO, M, N, S, U, V, VO GIO-470-A TSIO-470-B, C, D IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, NB TSIO-520-A, AE, AF, B, BB, BE, C, CE, D, DB, E, EB, G, H, J, JB, K, KB, L, M, N, NB, P, R, T, U, UB, VB, WB GTSIO-520-C, D, E, F, H, K, L, M, N LTSIO-520-AE

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	URHB32S (continued)			Textron Lycoming, AVCO	IO-550-A, -B, -C, -N TO-360-A1A6D, C1A6D, E1A6D, F1A6D IVO-360-A1A LTO-360-A1A6D, E1A6D Textron Lycoming HI0-360-E1AD, E1BD, FIAD LHIO-360-F1AD Textron Lycoming, AVCO O-435-6, 6A, 21, 23, 23A, 23B, 23C, 25, 25A VO-435 A1A, A1B, A1C, A1D, A1E, A1F, B1A TVO-435-A1A, B1A, B1B, C1A, D1A, D1B, E1A, F1A, G1A, G1B GO-480-G1A6, G1B6, G1D6, G1H6, G1J6, G2D6, G2F6 IGO-480-A1A6, A1B6 IGO-540-AA1A5, AA1B5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1G5D, K1H5, K1J5, K2A5, N1A5, P1A5, R1A5, S1A5, U1A5D, U1B5D IGSO-540-A1A, A1C, A1D, A1E, A1F, A1H, B1A, B1C TIVO-540-A2A Textron Lycoming, AVCO	O-480-1, 3

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	URHB32S (continued)				IGSO-480-A1A6, A1B6, A1C6, A1D6, A1E6, A1F3, A1F6, A1G6 IO-540-AA1A5, AA1B5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1G5D, K1H5, K1J5, K2A5, N1A5, P1A5, R1A5, S1A5, U1A5D, U1B5D TIO-540-A1A, A1B, A2A, A2B, A1C, A2C, C1A, E1A, F2BD, G1A, H1A, J2B, J2BD, K1AD, N2BD, R2AD, S1AD, T2AD, U2A, V2AD LTIO-540-F2BD, J2B, J2BD, N2BD, R2AD, Y2AD, U2A IO-720-A1A, A1B, A1BD, B1A, B1B, B1BD, C1B, C1BD, D1B, D1BD, D1C, D1CD
Spark Plug	UREB36S	Champion Aircraft Products Part No. REB36S Part No. REB37E Part No. REB36W	Test and Computation per 14 CFR § 21.303 <u>Dwg No:</u> UREB36S <u>Rev:</u> E <u>Date:</u> 01/22/2010 or later FAA-approved revisions.	Textron Lycoming, AVCO Superior Air Parts Textron Lycoming, AVCO	IO-320-C1A, F1A LIO-320-C1A IO-360-A1B6, C1A, F1A IO-540-E1A5, E1B5, E1C5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5, K1F5D, K1G5, K1G5D, K1H5, K1J5, K1J5D, K1K5, K1J5D, K2A5, P1A5, R1A5

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	UREB36S (continued)			Pratt & Whitney	Twin Wasp-R1830 -43, -43A, -65, -67, -90D, -49, -53, -57, -82, -92, -92A, -75, -61, -90B, -90C, 94, -94M1, -94M2, -96, -SC-G, SC3-G, S1C-G, S1C3-G, S3C4-G, S4C4-G R2000-3, -4, -4M1, -4M2, -7, -7M1, -7M2, -7M3, -9, -9A, -9M1, -9M2, -9M3, -9M4, -11, -11M1, -11M2, -11M3, -11M4 Double Wasp-R-2800, -CA3, -CA5, -CA15, -CA17, -CA18, -CA19, R-2800-97, -CB3, -CB4, -CB16, -CB17, R-2800-27, -27M1, -31, -31M1, -43, -51, -51M1, -71, -75, -75M1, -79, -21, -21M1, -31M2, -34, -34M1, -34W, -51M2, -51M3, -51M4, -52W, -52WM1, -52WM2, -57, -57M1, -57M2, -59, -59M1, -63, -73, -77, -75M2, -75M3, -83, -83A, -83AM2, -83AM2A, -83AM3, -83AM4A, -83AM5, -83AM6, -83AM7, -83AM9, -83AM10, -83AM11, -83AM12A, -83AM13, -83AM14, -83AM15, -83AM16, -85, -85A, -85AM1, -85M1, -85M2, -85XA, -99W, -101, -101M1, -103W, Wasp Major R-4360, -TSB3G, -B6, -CB2, -B5, -B7, -B13, -B14

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Spark Plug	URHB36S	Champion Aircraft Products Part No. RHB36S	Test and Computation per 14 CFR § 21.303 <u>Dwg No:</u> URHB36S <u>Rev:</u> E <u>Date:</u> 01/22/2010 or later FAA– approved revisions.	Textron Lycoming, AVCO, Superior Air Parts Textron Lycoming, AVCO	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2B, A2C, A3B6, A3B6D, A3D6D, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1F, C1G6 IVO-360-A1A TO-360-C1A6D, E1A6D, F1A6D LTO-360-E1A6D TIO-360, A1A, A1B, A3B6, C1A6D VO-435-A1A, A1B, A1C, A1D, A1E, A1F, B1A TVO-435-A1A, B1A, C1A, D1A, E1A, F1A, G1A, G1B GO-480-G1A6, G1B6, G1D6, G1H6, G1J6, G2D6, G2F6 IGO-480-A1A6, A1B6 GSO-480-A1A6, A1C6, A2A6, B1A6, B1B3, B1B6, B1C6, B1E6, B1F6, B1G6, B1J6, B2C6, B2D6, B2G6, B2H6 IGSO-480-A1A6, A1B6, A1C6, A1D6, A1E6, A1F3, A1F6, A1G6 O-540 Series IO-540-E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5, K2A5,

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	URHB36S (continued)			Textron Lycoming, AVCO	M1A5, M1B5D, M1C5, M2A5D, M1B5D, M1C5, M2A5D, P1A5, R1A5, S1A5, U1A5D, U1B5D, AA1A5, AA1B5, AC1A5 T1O-540-A1A, A1B, A1C, A2A, A2B, A2C, AA1AD, AB1AD, AB1BD, AE2A, AF1A, AF1B, AG1A, AH1A, AJ1A, AK1A, C1A, E1A, F2BD, G1A, H1A, J2B, J2BD, K1AD, N2BD, R2AD, S1AD, T2AD, U2A, V2AD, W2A LT1O-540-F2BD, J2B, J2BD, K1AD, N2BD, R2AD, U2A, V2AD, W2A O-540-9, L3C5D AEIO-540-L1B5, L1B5D, L1D5 VO-540-A1A, A2A, B1A, B1B, B1B3, B1C, B1D, B1E, B1F, B1H3, B2A, B2C, B2D, B2E, B2G, C1A, C1B, C1C3, C2A, C2B, C2C IVO-540-A1A TIVO-540-A2A IGO-540-A1A, A1B, A1C, B1A, B1B, B1C IGSO-540-A1A, A1C, A1D, A1E, A1F, A1H, B1A, B1C TIO-541-A1A, E1A4, E1B4, E1C4, E1D4 TIGO-541-E1A IO-720-A1A, A1B, A1BDM B1A, B1B,

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	URHB36S (continued)				B1BD, D1B, D1BD, D1C, D1CD
				Teledyne Continental Motors	O-470-U, T IO-470-C, D, E, F, G, H, L, M, N, P, R, S, T, U, V GIO-470-A TSIO-470-B, C, D FSO-526-A, C IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, MB, N, NB LTSIO-520-B, C, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, U, UB, VB, WB, AE, BE, CE TSIO-520-B, C, D, DB, E, EB, G, H, J, JB, K, KB, L, LB, M, N, NB, P, R, T, U, UB, VB, WB, AE, BE, CE GTSIO-520-C, D, F, H, K, L, M, N IO-550-A, B, C, D, E, F, L, N, P, R TSIO-550-A, B, C, E IOF-550-B, C, D, E, F, L, N, P, R
				Wytownia Sprzetu Komunikacyjnego "PZL-RZESZOW" SPOLKA AKCYJNA (Franklin Sp. Z.o.o.)	6A-350-C1, C1A, C2, C2A, D, D1, D1A, D1B, C1R, C1L

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	URHB37E (continued)			Textron Lycoming, AVCO, Superior Air Parts	IO-360-A, C, F Series
				Textron Lycoming, AVCO	TO-360-A, C, E, F Series IVO-360-A Series LTO-360-A, E Series TIO-360 Series AEIO-360-A Series O-435-A1A Series VO-435-A, B Series TVO-435 Series GO-480-G1, G2 Series IGO-480-A Series IGSO-480-A, B Series IO-540-C, D, J, K, L, M, N, P, R, S, U, AA Series IGO-540-A, B Series IGSO-540-A, B Series O-540-L3C5D Series IVO-540-A1A Series VO-540-A, B, C Series LTIO-540-F, J, N, R Series TIO-540-A, AA, AB, AE, AF, AG, AH, AJ, C, E, FR, G, H, J, K, N, R, S, T,

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	URHB37E (continued)				U, V, W Series TIGO-541-E1A Series TIO-541-A, E Series IO-720-A, B, C, D Series
				Curtiss-Wright	Wright Whirlwind J-5 Series Cyclone R-760 Series R-975 Series GR-975C Series R-1300 Series R-1820 Series R-2600 Series Double Row Cyclone Series
				Wytownia Sprzetu Komunikacyjnego "PZL-RZESZOW" SPOLKA AKCYJNA (Franklin Sp. Z.o.o.)	6V-335-A1A, A1B 6VS-335-A, B, A1, B1, PZL-3S, PZL-3S 2 ND Series, PZL-3SR, ASz- 62IR-16, -M18
				Jacobs Air Repair	R-755S R-755SM
				Textron Lycoming	HIO360-E1AD, E1BD, F1AD LHIO-360-F1AD GSO-480-A1A6, B1A6, B1B6, B1C6, B1J6, B2D6 IO-540-AC1A5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1F5

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	URHB37E (continued)				LTIO-540-U2A, V2AD AEIO-540-L1B5, L1B5D, L1D5 TIVO-540-A2A
Spark Plug	UREM37BY	Champion Part No. RHEM37BY	Test and Computation per 14 CFR § 21.303 <u>Dwg No:</u> UREM37BY <u>Rev:</u> D <u>Date:</u> 01/22/2010 or later FAA– approved revisions.	Textron Lycoming Textron Lycoming, AVCO, Superior Air Parts Textron Lycoming, AVCO	O-235-C, E, H, K, L, M, N, P, Series O-290 Series O-320-A, B, C, D, E Series IO-320-A, B, C, D, E Series AEIO-320-A, B, C, D, E Series LIO-320-B Series O-360-A, B, C, D, F, J Series IO-360-A, B, C, D, E, F, H, J, L, M Series HO-360-A, B, C Series LO-360-A, C Series VO-360-A, B Series AIO-360-A, B Series HIO-360-A, B Series LIO-360-C Series AEIO-360-A, B, H Series O-540-A, -B, -E, -F, -G, -H, -J Teledyne Continental Motors A-65, A-75, C75, C85, C90 O-200-A, B

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	UREM38E (continued)				O-360 Series IO-360 Series
				Textron Lycoming, AVCO	HO-360 Series LO-360 Series AIO-360 Series HIO-360 Series LIO-360 Series AEIO-360 Series LHIO-360 Series O-435-A, C, K Series GO-435-A, C, D Series VO-435-A Series TVO-435-B Series GO-480-B, C, F, G Series GSO-480-A, B Series IGSO-480-A Series O-540 Series IO-540 Series IGO-540-A, B Series IGSO-540-B Series AEIO-540 Series IO-720 Series

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Spark Plug	URHM38E	Allied Signal (Autolite)	Test and Computation per 14 CFR § 21.303 <u>Dwg No:</u> URHM38E <u>Rev:</u> C <u>Date:</u> 01/22/2010 or later FAA-approved revisions.	Teledyne Continental	C145 Series
					IO-240 Series
		Champion Part No. RHM38E		Textron Lycoming, AVCO, Superior Air Parts	O-300 Series
					GO-300 Series
		Teledyne Continental		IO-360-A, C, CB, D, DB, E, ES, G, GB, H, HB, J, K, KB Series	IO-346 Series
					TSIO-360 Series
					LTSIO-360 Series
					O-470-B, G, H, M, N, P, R, S
					O-470-2
					IO-470-A, C, G, P, R, T
Textron Lycoming, AVCO	O-235 Series	FSO-470-A			
		L/IO-470-A			
		IO-320 Series			
		AIO-320 Series			
		LIO-320 Series			
		AEIO-320 Series			
		O-320 Series			
		O-340 Series			
Textron Lycoming, AVCO, Superior Air Parts	O-360 Series	IO-360 Series			
		IO-360 Series			

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	URHM38E (continued)			Textron Lycoming, AVCO	HO-360 Series LO-360 Series AIO-360 Series HIO-360 Series LIO-360 Series AEIO-360 Series LHIO-360 Series O-435-A, C, K Series GO-435-A, C, D Series VO-435-A Series TVO-435-B Series GO-480-B, C, F, G Series GSO-480-A, B Series IGSO-480-A Series O-540 Series IO-540 Series IGO-540-A, B Series IGSO-540-B Series AEIO-540 Series IO-720 Series
Spark Plug	UREM38S	Champion Aircraft Products Part No. REM40E Part No. REM38P	Test and Computation per 14 CFR § 21.303 <u>Dwg No:</u> UREM38S <u>Rev:</u> F <u>Date:</u> 01/22/2010 or later FAA–approved revisions.	Teledyne Continental	A-65-1, 3, 6, 6J, 7, 8 (O-170-3, O-170-7), 8F, 8FJ, 8J, 9 (O-170-5), 9F, 9FJ, 9J, 12, 12F, 12FK, 12J, 14, 14F, 14FJ, 14J A-75-3, 6, 6J, 8, 8F, 8J, 8FJ, 9, 9J C75-8, 8F, 8FH, 8FHJ,

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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
	UREM38S (continued)				8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 12B, 12BF, 12BFH, 15, 15F
		Part No. REM38S			C85-8, 8F, 8FHJ, 8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 14F, 15, 15F
					C90-8F, 8FJ, 12F, 12FH, 12FJ, 12FP, 14F, 14FH, 14FJ, 16F
					C-115-1, 2
					C-125-1, 2
					C-145-2, 2H, 2HP
					E-165-2, 3, 4
					E-185-1, 2, 5, 8, 10, 3 (MIL O-470-7, 7A), 9 (MIL O-470-7B), 11
					E-225-2, 4, 8, 9
					O-200-A, B, C
					O-300-A, B, C, D, E
					GO-300-A, B, C, D, E, F
					IO-346-A, B
				Teledyne Continental	IO-360-A, AB, B, C, D, DB, E, G, GB, H, HB, J, JB, K, KB
					TSIO-360-A, AB, B, C, D, DB, E, EB, F, FB, G, GB, H, HB, JB, KB, LB, MB
					LTSIO-360-E, EB, KB, RB
					O-470-2, 4, 11, 11B, 11C1, 11B-C1, 13A, 15, A, B, E, G, H, J, K, L, M, N, P, R, S

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	UREM38S (continued)				IO-470-A, C, G, J, K, P, R, T L/IO-470-A W-670-K, M, 23, 24, 6A (R-670-3), 6N (R-670-4), 16 (R-670-8, 11, 11A)
				Textron Lycoming	O-235-CA, 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-320-A1A, A1B, A2A, A2B, A2C, A2D, A3A, A3C, B1A, B1B, B2A, B2B, B1C, B3A, B3B, B3C, B2D, 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, E1C, E2B, E2C, E2D, E1F, E2G, E2H, F3D, F2H, H1AD, H1BD, H2AD, H2BD, H3AD, H3BD IO-320-A1A, A2A, B1A, B1B, B1C, B1E, B1D, B2A, C1A, C1B, D1A, D1C, D1B, E1A, E1B, E2A, F2A, F1A AIO-320-A1A, A1B, A2A, A2B, B1B, C1B AEIO-320-D1B, D2B, E1A, E1B, E2A, E2B LIO-320-B1A, C1A

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	UREM38S (continued)			Textron Lycoming, AVCO, Superior Air Parts	O-360-A1A, A1AD, A1C, A1D, A1F, A1F6, A1F6D, A1G, A1G6, A1G6D, A1H, A1H6, A1LD, A1P, A2A, A2D, A2E, A2F, A2G, A2H, A3A, A3AD, A3D, A4A, A4AD, A4D, A4G, AGJ, A4K, A4M, A4N, A4P, A5AD, B1A, B2A, B2B, B2C, C1A, C1C, C1E, C1F, C1G, C2A, C2B, C2C, 2CD, C2E, C4P, C4E, D1A, D2B, E1AD, E1A6D, E2AD, E1BD, E2BD, F1A6 IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2C, A3B6, A3D6D, B1A, B1B, B1C, B1D, B1E, B1F, B1F6, B1G6, B2E, B2F, B2F6, B4A, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1E6D, C1F, C1G6, D1A, E1A, F1A, J1AD, J1A6D, K2A, L2A, M1A
				Textron Lycoming, AVCO	AIO-360-A1A, A1B, A2A, A2B HO-360-A1A, B1A, B1B, C1A HIO-360-A1A, A1B, B1A, B1B, C1A, C1B, D1A LO-360-AH16, E1AD, A1G6D, E1A6D, E2AD, E1BD, E2BD
				Textron Lycoming, AVCO	LIO-360-C1E6 AEIO-360-A1A, A1B, A1B6, A1E6, A1C, A1D, A1E, A2A, A2B, A2C,

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	UREM38S (continued)			Textron Lycoming, AVCO	B1B, B1D, B1F, B1F6, B1G6, B2F, B2F6, B4H, B4A, H1A, H1B GSO-480-A1A6, A1C6, A2A6 IGSO-A1A6 (O-480-3), A1B6, A1C6, A1D6, A1E6, A1F3, A1F6, A1G6 O-540-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, H2A5, H1A5D, H2A5D, H1B5D, H2B5D, J1A5D, J2A5D, J1B5D, J2B5D, J3A5D, J3A5, J1C5D, J2C5D, J1D5D, J2D5D, J3C5D, L3C5D IO-540-A1A5, B1A5, B1B5, B1C5, C1B5, C1C5, C2C, C4B5, C4B5D, C4D5, C4C5, C4D5D, D4A5, D4B5, D4C5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5, K1F5D, K1G5, K1G5D, K1H5, K1J5, L1A5, L1A5D, L1B5D, L1C5, L1A5, M1A5D, M1B5D, M1C5, M2A5D, N1A5, P1A5, R1A5, S1A5, T4A5D, T4B5, T4B5, T4B5D, T4C5D, U1A5D, U1B5D, V4A5D, V4A5

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	UREM38S (continued)				AEIO-540-D4B5, D4C5, D4D5, L1B5D, L1B5, L1D5
				Textron Lycoming, AVCO	IO-360-B1A, B1B, B1C, B1D, B1E, B1F, B1F6, B1G6, B2E, B2F, B2F6, B4A, E1A, F1A, L2A, M1A
				Textron Lycoming, AVCO	O-290-A, AP, B (O-290-1), C (O-290-3), CP, D (O-290-11), D2, D2A, D2B, D2C O-340-A1A, A2A, B1A VO-360-A1A, A1B, B1A O-435-A, A2, K, 25, O-435-B (O-435-5), O-435-C (O-435-1), O-435-C1 (O-435-11), O-435-C2 (O-435-13), O-435-K1 (O-435-4), GO-435-C2A, C2A2, C2B, C2B1, C2B2, C2C, C2D, C2E, D1, GO-435-C2 (O-435-17) VO-435-A1A (O-435-21), A1B (O-435-6), A1C (O-435-23, 23A, 23B, 23C), A1D (O-435-6A), A1E, A1F, B1A TVO-435-A1A, B1A (O-435-25A), B1B, C1A, D1A, D1B, E1A, F1A, G1A, G1B GO-480-B, B1, B1A6, B1B, B1C, B1D, C1B6, C1D6, C2C6, C2D6, C2E6, C3A6, D1A, E1A6, F6, F1A6, F2A6, F2D6, F3A6, F3B6, F4A6, F4B6

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	UREM38S (continued)			Textron Lycoming, AVCO	IGO-540-A1A, A1B, A1C, B1A, B1B, B1C IGSO-540-B1A, B1C VO-540-A1A, A2A, B1A, B1B, B1C, B1D, B1E, B1F, B1H3, B2A, B2C, B2D, B2E, B2G, C1A, C1B, C1C3, C2B, C2A (O-540-9), C2C IO-720-A1A, A1B, A1BD, B1A, B1B, B1BD, C1B, C1BD, D1B, D1BD, D1C, D1CD R-680-2, 4, 5, 6, B2, B4, B5, B6, BA, D5, D6, E1, E2, E3, E3A (R-680-9), F3B (R-680-13)
				Jacobs Aircraft Air Repair, Inc.	L-4-4M, 4MA, 4MA7, 4MB L-5-5M, 5MB L-6-6M, 6MA, 6MBA R-755-9 R-915-3, 5, 7
Spark Plug	URHM38S	Champion Aircraft Products Part No. REM38P Part No. RHM40E Part No. REM38P Part No. RHM38S	Test and Computation per 14 CFR § 21.303 <u>Dwg No: URHM38S</u> <u>Rev: G</u> <u>Date: 01/22/2010</u> or later FAA- approved revisions.	Teledyne Continental	A-65-1, 3, 6, 6J, 7, 8 (O-170-3, O-170-7), 8F, 8FJ, 8J, 9 (O-170-5), 9F, 8FJ, 9J, 12, 12F, 12FK, 12J, 14, 14F, 14FJ, 14J A-75-3, 6, 6J, 8, 8F, 8J, 8FJ, 9, 9J C75-8, 8F, 8FH, 8FHJ, 8FJ, 8J, 12, 12F, 12FH, 12FHJ, 12FJ, 12J, 1212B, 12BF, 12BFH, 15, 15F C85-8, 8F, 8FHJ, FJ, 8J, 12, 12F, 12FH, 12FHJ,

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	URHM38S (continued)				12FJ, 12J, 14F, 15, 15F
					C90-8F, 8FJ, 12F, 12FH, 12FJ, 12FP, 14F, 14FH, 14FJ, 16F
					C-115-1, 2
					C-125-1, 2
					C-145-2, 2H, 2HP
		Part No. C27S			E165-2, 3, 4
					E185-1, 2, 5, 8, 10, 3 (MIL-O-470-7, 7A), 9 (MIL-O-470-7B), 11
					E225-2, 4, 8, 9
					O-200-A, B, C
					O-300-A, B, C, D, E
					GO-300-A, B, C, D, E, F
					IO-346-A, B
				Teledyne Continental	IO-360-A, AB, B, C, D, E, G, GB, H, HB, J, JB, K, KB
					TSIO-360-A, AB, B, C, D, DB, E, EB, F, FB, G, GB, H, HB, JB, KB, LB, MB
					LTSIO-360-E, EB, KB, RB
					O-470-2, 4, 11, 11B, 11-C1, 11B-C1, 13A, 15, A, B, E, G, H, J, K, L, M, N, P, R, S
					IO-470-A, C, G, J, K, P, R, T
					L/IO-470-A

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	URHM38S (continued)			Jacobs Aircraft Air Repair, Inc.	W670-K, M, 23, 24, 6A (R-670-3, 5), 6N (R-670-4), 16 (R-670-8, 11, 11A)
				Textron Lycoming, AVCO	O-235-C, 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, 12A, 12C, M1, M2C, M3C, N2A, P1, P2A, P2C, P3C
					O-320-A1A, A1B, A2A, A2B, A2C, A2D, A3A, A3B, A3C, B1A, B1B, B2A, B2B, B2C, B3A, B3B, B3C, B2D, C1A, C1B, C2A, C2B, C2C, C3A, C3B, C3C, D1A, D1B, D1C, D1D, D1F, D2A, D2B, D2C, D2F, D2G, D2H, D2J, D3G, E1A, E1B, D1C, E1F, E1J, E2A, E2B, E2C, E2D, E2F, E2G, E2H, E3D, E3H, H1AD, H1BD, H2AD, H2BD, H3AD, H3BD
					IO-320-A1A, A2A, B1A, B1B, B1C, B1E, B1D, B2A, C1A, C1B, D1A, D1C, D1B, E1A, E1B, E2A, E2B, F1A
					AIO-320-A1A, A1B, A2A, A2B, B1B, C1B
					AEIO-320-D1B,-D2B,-E1A,-E1B,-E2A,-E2B
					LIO-320-B1A, C1A
				Textron Lycoming, AVCO, Superior Air Parts	O-360-A1A, A1AD, A1C, A1D, A1F, A1F6, A1E6D, A1G, A1G6, A1G6D.

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	URHM38S (continued)				A1H, A1H6, A1HD, A1P, A2A, A2D, A2E, A2F, A2G, A2H, A3A, A3AD, A3D, A4A, A4AD, A4D, A4G, A4J, A4K, A4M, A4N, A4P, A5AD, B1A, B1B, B2A, B2B, B2C, C1A, C1C, C1E, C1F, C1G, C2A, C2B, C2C, C2D, C2F, C4P, C4F, D1A, D2A, D2B, E1AD, E1A6D, E2AD, F1BD, F2BD, E1A6D, F1A6 IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2B, A2C, A3B6, A3B6D, A3D6D, B1A, B1B, B1C, B1D, B1E, B1F, B1F6, B1G6, B2E, B2F, B2F6, B4A, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1E6D, C1F, C1G6, D1A, E1A, F1A, J1AD, J1A6D, K2A, L2A, M1A
				Textron Lycoming, AVCO	AIO-360-A1A, A1B, A2A, A2B HO-360-A1A, B1A, B1B, C1A HIO-360-A1A, A1B, B1A, B1B, C1A, C1B, D1A LO-360-A1H6, E1AD, A1G6D, E1A6D, E2AD, E1BD, E2BD LIO-360-C1E6 AEIO-360-A1A, A1B, A1B6, A1E6, A1C, A1D, A1E, A2A, A2B, A2C, B1B, B1D, B1F, B1F6, B1G6, B2F, B2F6, B1H, B4A, H1A, H1B

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	URHM38S (continued)			Textron Lycoming, AVCO	VO-360-A1A, A1B, B1A GSO-480-A1A6, A1C6, A2A6 IGSO-480-A1A6 (O-480- 3), A1B6, A1C6, A1D6, A1E6, A1F3, A1F6, A1G6 O-540-A1A, A1A5, A1B5, A1C5, A1D, A1D5, A2B, A3D5, A4B5, A4B5, A4C5, A4D5, B1A5, B1B5, B1D5, B2A5, B2B5, B2C5, B4A5, B4B5, D1A5, E4A5, E4B5, E4C5, F1A5, F1B5, G1A5, G2A5, H1A5, H2A5, H1A5D, H2A5D, H1B5D, H2B5D, J1A5D, J2A5D, J1B5D, J2B5D, J3A5D, J3A5, J1C5D, J2C5D, J1D5D, J2D5D, J3C5D, L3C5D IO-540-A1A5, B1A5, B1B5, B1C5, C1B5, C1C5, C2C, C4B5, C4B5D, C4D5, C4C5, C4D5D, D4A5, D4B5, D4C5, E1A5, E1B5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1A5, K1A5D, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5, K1F5D, K1G5, K1G5D, K1H5, K1J5, K1J5D, K1K5, K2A5, L1A5, L1A5D, L1B5D, L1C5, M1A5, M1A5D, M1B5D, M1C5, M2A5D, N1A5, P1A5, R1A5, S1A5, T45AD, T4B5, T4B5D, T4C5D, U1A5D, U1B5D, Y4A5D, V4A5

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	URHM38S (continued)			Textron Lycoming, AVCO	<p>AEIO-540-D4B5, D4C5, D4D5, L1B5D, L1B5, L1D5</p> <p>O-290-A, AP, B (O-290-1), C (O-290-3), CP, D (O-290-11), D2, D2A, D2B, D2C</p> <p>O-340-A1A, A2A, B1A</p> <p>O-435-A, A2, K, 25, B (O-435-5), C (O-435-1), C1 (O-435-11), C2 (O-435-13), K1 (O-435-4)</p> <p>GO-435-C2A, C2A2, C2B, C2B1, C2B2, C2C, C2D, C2F, D1, C2 (O-435-17)</p> <p>VO-435-A1A (O-435-21), A1B (O-435-6), A1C (O-435-23, 23A, 23B, 23C), A1D (O-435-6A), A1E, A1F, B1A</p> <p>TVO-435-A1A, B1A (O-435-25A), B1B, C1A, D1A, D1B, E1A, F1A, G1A, G1B</p> <p>GO-480-B, B1, B1A6, B1B, B1C, 1BD, C1B6, C1D6, C2C6, C2D6, C2E6, C3A6, D1A, E1A6, F6, F1A6, F2A6, F2D6, F3A6, F3B6, F4A6, F4B6</p> <p>IGO-540-A1A, A1B, A1C, B1A, B1B, B1C</p> <p>Textron Lycoming, AVCO</p> <p>IGSO-540-B1A, B1C</p> <p>VO-540-A1A, A2A, B1A, B1B, B1B3, B1C, B1B3, B1C, B1D, B1E, B1F, B1H3, B2A, B2C, B2D, B2E, B2G, C1A, C1B, C1C3, C2B, C2A (O-540-</p>

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Accessories, Inc.
1240 Springwood Church Rd.
Gibsonville, NC 27249

PMA NO. PQ1206CE
SUPPLEMENT NO. 1Q5
DATE January 27, 2017

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
	URHM38S (continued)				9), C2C IO-720-A1A, A1B, A1BD, B1A, B1B, B1BD, C1B, C1BD, D1B, D1BD, D1C, D1CD R-680-2, 4, 5, 6, B2, B4, B5, B6, BA, D5, D6, E1, E2, E3, E3A (R-680-9), E3B (R-680-13) Jacobs Aircraft Air Repair, Inc. L-4, 4M, 4MA, 4MA7, 4MB L-5-5M, 5MB L-6-6M, 6MA, 6MBA R-755-9 R-915-3, 5, 7
Spark Plug	UREM40E	Allied Signal (Autolite) Part No. SH 20A Champion Part No. REM40E	Test and Computation per 14 CFR § 21.303 <u>Dwg No: UREM40E</u> <u>Rev: C</u> <u>Date: 01/22/2010</u> or later FAA– approved revisions.	Fairchild (Ranger) Textron Lycoming, AVCO Jacobs Aircraft Air Repair, Inc. Pigman, American Flyers (LeBlond)	6-390 Series 6-410 Series 6-440 Series I0-360, B1A, B1B, B1C, B1D, B1E, B1F, B1F6, B1G6, B2E, B2F, B2F6, B4A, E1A, F1A, L2A, M1A L-4 Series L-5 Series L-6 Series R-755 Series 70 Series

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Accessories, Inc.
 1240 Springwood Church Road
 Gibsonville, N.C. 27249

PMA No. PQ1206CE
 SUPPLEMENT NO. 102
 DATED: November 25, 2015

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Spark Plug	URHM38EL	Allied Signal (Autolite) Part No. SH 260 Champion Part No. RHM38E Continental Motors Part No. 658565	Test and Computation per 14 CFR § 21.303 Dwg. No. – URHM38EL Rev: 0 Date: 10/21/2014 or later FAA – approved revisions.	Continental	C145 Series IO-240 Series IOF-240-B O-300 Series GO-300 Series IO-346 Series IO-360-A, C, CB, D, DB, E, ES, G, GB, H, HB, J, K, KB Series TSIO-360 Series LTSIO-360 Series O-470-B, G, H, M, N, P, R, S O-470-2 IO-470-A, C, G, P, R, T FSO-470-A L/IO-470-A
				Avco Lycoming	O-235 Series IO-320 Series AIO-320 Series LIO-320 Series AEIO-320 Series O-320 Series O-340 Series O-360 Series IO-360 Series HO-360 Series LO-360 Series AIO-360 Series HIO-360 Series

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Accessories, Inc.
 1240 Springwood Church Road
 Gibsonville, N.C. 27249

PMA No. PQ1206CE
 SUPPLEMENT NO. 102
 DATED: November 25, 2015

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
	Continuation of URHM38EI.				LIO-360 Series AEIO-360 Series LHIO-360 Series O-435-A, C, K Series GO-435-A, C, D Series VO-435-A Series TVO-435-B Series GO-480-B, C, F, G Series GSO-480-A, B Series IGSO-480-A Series O-540 Series IO-540 Series IGO-540-A, B Series IGSO-540-B Series AEIO-540 Series IO-720 Series

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


FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aero Accessories, Inc.
1240 Springwood Church Road
Gibsonville, N.C. 27249

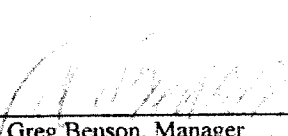
PMA No. PQ1206CE
SUPPLEMENT NO. 102
DATED: November 25, 2015

GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Melvin Taylor, Manager
Atlanta Aircraft Certification Office



Greg Benson, Manager
Atlanta Manufacturing Inspection District Office