

AIRCRAFT PROPELLER DE-ICE APPLICATION GUIDE

RAPCO INC. FAA Approved Replacement Parts for BFG and McCauley Propeller De-Ice Systems

Propeller De-ice: Brushes, Wire Harnesses, Clamps, Spacers, and Wear Strips

This Application Guide is to be used for reference only.

When selecting a part for installation consult the aircraft manufacturer's approved parts catalogue.

To convert a BFG part number to a RAPCO FAA-PMA approved part number replace the 2E, 3E or 4E with RA and add 100 to the number.

To convert a McCauley part number to a RAPCO FAA-PMA approved part number add RA to the beginning of the number.

In the case of a particular application showing an STC, the aircraft must first have the STC installed before a replacement part can be installed.

In some cases a brush may be approved as part of an assembly. [Refer to the FAA-PMA Supplement for installation eligibility.](#)

Blue - BFG De-ice Equiped							
Green - McCauley De-ice Equiped							
Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
Aero Commander / Rockwell / Gulfstream / Twin Commander							
500 Series with Colemill STC SA340SO with Continental Engines	HC-A2XF-2B			4E1387-3			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
500A with Goodrich STC SA1-607 with Lycoming Engines	HC-A2XF-2			4E1350, -1			RA1306-1 (3)
				4E1350-4			RA1543-2 (3)
					RA2146-2	RA2111U-ROD (3)	RA1543-7 (3)
500A with Goodrich STC SA132EA with Lycoming Engines	HC-A3X20-2			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
500B, 500S, 500U, with Lycoming Engines	HC-A3X/VK-2	4E1601-7	RA2067-2	4E1350, -1			RA1306-1 (3)
				4E1350-4			RA1543-2 (3)
					RA2146-2	RA2111U-ROD (3)	RA1543-7 (3)
500B, 500U with Goodrich STC SA1-606 with Lycoming Engines	HC-A3XK/VK-2				RA2146-2	RA2111U-ROD (3)	RA1543-7 (3)
560A, 560E, with Goodrich STC SA132EA with Lycoming Engines	HC-A3X20-2			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
560A, 560E, with Goodrich STC SA1-520 Lycoming Engines	H83x20			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
560F with Goodrich STC SA179EA with Lycoming Engines	HC-B3Z30-2B	4E2200-10	RA2192-2	4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
680, 680E with Goodrich STC SA132EA with Lycoming Engines	HC-A3X20-2			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
680, 680E, 720 with Goodrich STC SA1-520 with Lycoming Engines	H83x20			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
680F, 680FL, 680FP, 680FLP with Goodrich STC SA179EA with Lycoming Engines	HC-B3Z30-2B	4E2200-10	RA2192-2	4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
680F, 680FL, 680FL(P) with MR RPM STC's SA2891WE or SA2691WE with Lycoming Engines	HC-A3MVK-2A	4E2200-10	RA2192-2	4E1350-1,-2,-3			RA1306-1 (2) & RA1306-2 (1)
				4E1350-4,-5,-6			RA1543-1 (2) & RA1543-2 (1)
					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
680T, 680V, 680W, with AirResearch Engines	33LF-325			4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
680W Pacific Propeller STCs SA924NW, SA1184NW with Lycoming Engines	HC-B3TN-5K			4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
685 with Continental Engines	HC-F3YN-2 HC-H3YN-2			4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
681 with AiResearch Engines	33LF-325			4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
690, 690A, 690B with AiResearch Engines	HC-B3TN-5FL	4E1601-5	RA1989-2	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1, -2	RA2111U-ROD (3)	RA1543-7 (3)
690C, 690D 695, 695A with AiResearch Engines	Dowty Rotol 324				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
700 Fuji 300-12 with Lycoming Engines	HC-E3YR-2AF	4E1601-7	RA2067-1	4E1639			RA1543-1 (2) & RA1543-2 (1)
					RA2142-2	RA2111U-ROD (3)	RA1543-7 (3)
720 with Goodrich STC SA132EA with Lycoming Engines	HC-A3X20-2			4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
720 with Goodrich STC SA1-520 with Lycoming Engines	H83x20				RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
				4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Aero Vodochody							
AE270 with Pratt & Whitney Engine	HC-E4N-3P				RA2142-2	RA2111U-ROD (3)	RA1543-7 (3)
Aerostar / Ted Smith Aerostar / Piper Aerostar							
PA-60-600, PA-60-601, PA-60-601P, PA-60-602P with Lycoming Engines	HC-C3YR-2			4E1350-2			RA1306-1 (3)
				4E1350-5			RA1543-2 (3)
PA-60-700P with Lycoming Engines	HC-C3YR-2/2L	4E2271-10 4E22-10	RA2150-2 RA2150-2		RA2171	RA2111U-ROD (2)	RA1543-7 (3)
Aerospatiale							
Nord 262A			RA2192-4				
American Jet Industries							
Hustler with AiResearch Engine	HC-B4TN-5F				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
Antonov							
AN-28 with Pratt & Whitney Engines	BHC-C2YF				RA2190-1	RA2111U-ROD (3)	RA1543-7 (3)
Avia Acord							
Avia Acord with Continental Engines	BHC-C2YF-2KUF	4E2271-10	RA2192-2		RA2190-1	RA2111U-ROD (3)	RA1543-7 (3)
Avia Acord 201 with Continental Engines	BHC-C3YF-2KUF	4E1601-10	RA2067-3		RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
Beech / Beechcraft / Raytheon / Hawker Beechcraft / Textron							
Beech 18 with American Turbine Westwind STC with Pratt & Whitney Engines	HC-B3TN-3			4E1311-1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Beech 18 with Goodrich STC SA1-502 with Pratt & Whitney Engines	HC-B3TN-3			4E1311-1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
33 Bonanza with 14 Volt System with Continental Engine	2A36C23/C82 3A32C76			4E1387-3, -5			RA1543-1 (2) & RA1543-2 (1)
F33A, F33C with Machen STC SA762NW, 28 Volt with Continental Engine	HC-F3YR-1RF				RA2171	RA2111U-ROD (2)	RA1543-7 (2)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
F33A with McCauley De-ice with Continental IO-520-BB, -UB, -B Engine	3A32C406/82NDB-X, D3A32C409/82NDB-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
35-C33A Bonanza with Continental Engine	3A32C76 (McCauley) (Hartzell) PHC-C3YF-1RF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
F33A Bonanza with Continental Engine	3A32C76 (McCauley) PHC-C3YF-1RF (Hartzell)				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
35 Bonanza with 14 Volt. with Continental Engine	2A36C23/C82 3A32C76			4E1387-3, -5			RA1543-1 (2) & RA1543-2 (1)
A35B Bonanza with Continental Engine	3A32C76 (McCauley) PHC-C3YF-1RF (Hartzell)				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
S-35 Bonanza with Continental Engine	3A32C76 (McCauley) PHC-C3YF-1RF (Hartzell)				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
S-35	PHC-A3VF-4			4E1387-3, -5			RA1543-1 (2) & RA1543-2 (1)
S-35 with Machen STC SA762NW, 28 Volt with Continental Engine	HC-F3YR-1RF				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
V-35 Bonanza with Continental Engine	3A32C76 (McCauley) PHC-C3YF-1RF (Hartzell)				RA2171	RA2111U-ROD (2)	RA1543-7 (2)
V-35 with Continental Engine	PHC-A3VF-4			4E1387-3, -5			RA1543-1 (2) & RA1543-2 (1)
V35 with 14 Volt. with Continental Engine	2A36C82/C23 2A37C223				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
V35A, V35B with Machen STC SA762NW, 28 Volt with Continental Engine	HC-F3YR-1RF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
V35B with McCauley De-ice with Continental IO-520-BB, -UB, -B Engine	3A32C406/82NDB-X, D3A32C409/82NDB-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
36 Bonanza with 14 Volt. with Continental Engine	2A36C23/C82 3A32C76			4E1387-3, -5			RA1543-1 (2) & RA1543-2 (1)
36 Bonanza with Colemill STC SA1835SO with Continental Engine	HC-C4YF-1E				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
36, A36 Bonanza with Machen STC SA762NW, 28 Volt with Continental Engine	HC-F3YR-1RF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
A36, A36TC Bonanza with Tradewind Turbine STC SA3523NM with Continental Engine	HC-B3TF-7A				RA2171	RA2111U-ROD (2)	RA1543-7 (2)
A36TC, A36, B36TC Bonanza with 28 Volt. with Continental Engine	3A32C76 (McCauley) PHC-C3YF-1RF (Hartzell)				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
A36, B36TC with Hartzell STC SA00719LA with Continental Engine	PHC-3CYF-1RF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
A36, B36TC, with Hartzell STC SA00719LA with McCauley De-ice with Continental IO-520-BB, -UB, -B Engine	3A32C406/82NDB-X, D3A32C409/82NDB-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
E50, F50, G50, H50, Twin Bonanza with Goodrich STC SA1-503 with Lycoming Engines	HC-B3T/B3Z			4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
E50, F50, J50, Twin Bonanza with Goodrich STC SA15EA with Lycoming Engines	HC-B3T/B3Z			4E1311	RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
				4E-1311-2			RA1306-1 (2) & RA1306-2 (1)
							RA1543-1 (2) & RA1543-2 (1)
B55, E55 Baron with Continental Engine	BHC-C2YF-2C			4E1387-5	RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
							RA1543-1 (2) & RA1543-2 (1)
B55, E55 with Continental Engine	PHC-C3YR-2	4E2271-10	RA2194-2	4E1387-5	RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
							RA1543-1 (2) & RA1543-2 (1)
B55, E55 with Continental Engine	CHC-C2YF-2C	4E2271-10	RA2194-2	4E1387-5	RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
							RA1543-1 (2) & RA1543-2 (1)
B55, E55 with Continental Engine	PHC-C3YF-2	4E1601-7 4E2271-10	RA2067-4 RA2194-1	4E1387-5	RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
							RA1543-1 (2) & RA1543-2 (1)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
B55, E55 No Air Conditioning with Continental Engine	BHC-C2YF-2C	4E2271-10	RA2150-2		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
B55, E55 No Air Conditioning with Continental Engine	PHC-C3YF	4E2271-10	RA2150		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
C55 with Continental IO-470 Engine	2AF36C39/2AF34/C55				RA2142-2 (470)	RA2111U-ROD (3)	RA1543-7 (3)
C55 with Continental IO-520 Engine	2AF36C39/2AF34/C55				RA2142-1 (520)	RA2111U-ROD (3)	RA1543-7 (3)
C55, C55A, D55, D55A, E55, E55A with Beech STC for McCauley De-ice with Continental IO-550-C	3AF32C504/82NEA-X			C-40151 C-40593 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
E55, E55A Baron with McCauley De-ice with Continental IO-520-C	3AF32C512/82NEA-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
E55 Baron with Air Conditioning with Continental Engine	PHC-J3YF-2	4E2271-10	RA2150		RA2171	RA2111U-ROD (2)	RA1543-7 (2)
E55 Baron with Air Conditioning with Continental Engine	BHC-J3YF-2	4E2271-10	RA2150		RA2171	RA2111U-ROD (2)	RA1543-7 (2)
56TC Baron with Lycoming Engines	HC-F3YR-2	4E2271-10	RA2194-1 RA1656 Hub Ext.				
56TC Baron with Lycoming Engines	HC-F3YR-2	4E-1601-7 4E2271-10	RA2067-4 RA2194-1 RA1656 Hub Ext.				
58 Baron with Continental Engines	HC-J2YF-2C			4E1350-3			RA1306-2 (3)
58 Baron with Continental Engines	PHC-3YF-2			4E1350-5	RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
58 Baron with Continental Engines	BHC-J2YF-2C	4E2271-10	RA2150-2	4E1350-5	RA2146-1	RA2111U-ROD (3)	RA1543-2 (3)
58 Baron with Continental Engines	HC-J2YF-2C	4E1601-7, -10 4E2271-10	RA2067-3 RA2150-2	4E1350-5	RA2146-3	RA2111U-ROD (3)	RA1543-7 (3)
58 Baron with Continental Engines	PHC-J3YF-2	4E2271-10	RA2150		RA2171	RA2111U-ROD (2)	RA1543-7 (3)
58 Baron with Continental Engines	BHC-J3YF-2	4E2271-10	RA2150		RA2171	RA2111U-ROD (2)	RA1543-7 (2)
58 Baron with Air Conditioning with Continental Engines	PHC-J3YF-2UF	4E2271-13	3E2050		RA2171	RA2111U-ROD (2)	RA1543-7 (2)
58 Baron with Hartzell STC SA5533NM with Continental Engines	D3AF32C35			4E1350-5			RA1543-2 (3)
58, 58A Baron with McCauley De-ice with Continental IO-520-C	3AF32C512/82NEA-X				RA2146-3	RA2111U-ROD (3)	RA1543-7 (3)
58, 58A, 58P, 58PA, 58TC, 58TCA, with Beech STC for McCauley De-ice, 2 Brush with Continental IO-550-C, TSIO-550-L, -LB, WB	3AF32C511/82NEA-X, 3AF32C512/82NEA-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
58P, 58PA, 58TC, 58TCA with Beech STC for McCauley De-ice, 3 Brush with Thermoplastic Bolck with Continental IO-520-L, -LB, -WB	3AF32C521/82NLA-X			C-40189 C-40179 Assy.			RAB40189 (2)
56TC Baron with Lycoming Engines	HC-F3YR-2	4E2271-10	RA2194-1 RA1656 Hub Ext.				
60, Duke Series with Lycoming Engines	HC-F3YR-2	4E2271-10	RA2150 RA2067-4	4E1639			RA1543-1 (2) & RA1543-2 (1)
60 Duke with Lycoming Engines	HC-F3YR-2	4E-1601-7 4E2271-10	RA2067-4 RA2194-1 RA1656 Hub Ext.				
65 Queen Air with Goodrich STC SA1-503 with Lycoming Engines	HC-B3T/B3Z			4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
65, Queen Air Excalibur STC SA444SW with Lycoming Engines	HC-A3VK-2A				RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
J65, Queen Air with Goodrich STC SA15EA with Lycoming Engines	HC-B3T/B3Z	4E2200-3	On Boot	4E1311			RA1543-2 (3)
				4E-1311-2			RA1543-7 (3)
					RA2146-1	RA2111U-ROD (3)	RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
65-80, 65-A80-8800, Queen Air 65-88 with Goodrich STC SA15EA with Lycoming Engines	HC-B3T/B3Z	4E2200-3	On Boot	4E1311			RA1306-1 (2) & RA1306-2 (1)
				4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
65, 65-80, 65-B80, Queen Air 65-88, A65, 65-A88-8800, 70 Excalibur STC SA444SW	HC-AVK-2A				RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
65-90 King Air with Non-Reversing Propellers with Pratt & Whitney Engines	HC-B3TN-2			4E1387, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
65-90, with Pratt & Whitney Engines	HC-B3TN-3	4E2200-10	RA2192-2	4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
65-90, with Pratt & Whitney Engines	HC-B3TN-3	4E2200-10	RA2192-2	4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
65-A90 King Air with Raisbeck STC's SA3593NM, SA5661NM, SA2689NM with Pratt & Whitney Engines	HC-D4N-3A	4E2271-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
A90, A90-1, A90-4, B90, C90 (LJ-502 thru LJ-583) King Air with Beech STC with McCauley De-ice with Pratt & Whitney PT6A-20 Engines	4HFR34C762/94LMA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
B90, C90, King Air with Raisbeck STC's SA3593NM, SA5661NM, SA2689NM with Pratt & Whitney Engines	HC-D4N-3A	4E2271-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
C90A with Beech STC with McCauley De-ice with Pratt & Whitney PT6A-20A, -21, -28 Engine	4HFR34C768/94LMA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
C90A with McCauley De-ice with Pratt & Whitney PT6A-21 Engines	4HFR34C768/94LMA-X	B-40245-56	RA40585	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
C90A with Hartzell STC SA00966CH with Pratt & Whitney Engines	HC-E4N-3N	4E2200-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
E90 with Raisbeck Quiet Propeller Conversion			RA2192-4				
F90 King Air with Pratt & Whitney Engines	HC-B4TN-3	4E2200-10	RA2192-3	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
F90 with Raisbeck Quiet Propeller Conversion			RA2192-4				
95-C55, 95-C55A Continental Engines	3AF32C75			4E1387-1			RA1306-1 (2) & RA1306-2 (1)
				4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
95-55, -A55, -B55, -B55A, -B55B, with Beech STC for McCauley De-ice with Continental IO-470-L Engines	3AF32C504/82NEA-X			C-40151 C-40593 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
99, Airliner with Pratt & Whitney Engines	HC-B3TN-3	4E2200-10	RA2192-2	4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
99, 99A, A99, A99A, B99, C99 with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-20, -27, -28, -36	4HFR34C769/94LMA-X 4HFR34C773/94LMA-X	B-40245-56	RA40585	C-40189 C-40179 Assy.			RAB40189
100, King Air with Pratt & Whitney Engines	HC-B3TN-3	4E2200-10	RA2192-2	4E1311, -1			RA1306-1 (2) & RA1306-2 (1)
				4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
100 King Air with Pratt & Whitney Engines 100, 200, King Air	HC-B3TN-3	4E2200-10	RA2192-2	4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
100, A100 King Air with Raisbeck STC's SA3593NM, SA5661NM, SA2689NM with Pratt & Whitney Engines	HC-D4N-3A	4E2271-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
A100 with Pratt & Whitney Engines	HC-B4TN-3	4E2200-10	RA2192-3	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
A100 King Air with Pratt & Whitney Engines	HC-B4TN-3	4E2200-10	RA2192-3		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
100, A100, King Air with McCauley De-ice with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-20, -34 Engines	4HFR34C762/94LMA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
A100-1 with McCauley De-ice with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-41, -42 Engines	4HFR34C754/94LA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
B100 King Air with AirResearch Engines	HC-B4TN-5C/F	4E1188-5 4E2200-10	RA1989-2 RA2192-3	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
B100, King Air with AirResearch Engines	HC-B4TN-5C/F	4E2200-10	RA2192-3		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
B100 with Beech STC and McCauley De-ice with TPE331-6, -10 Engines	5HFR34C1105/96LRB-X	B-40245-52	RA40585	C-40411 C-40685 Assy.			RAC40464-1 (1) & RAC40464-2 (1)
200 King Air with Pratt & Whitney Engines	HC-B3TN-3	4E2200-10	RA2192-2	4E-1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
200 King Air with Raisbeck STC's SA3593NM, SA5661NM, SA2689NM with Pratt & Whitney Engines	HC-D4N-3A	4E2271-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
200, King Air with Pratt & Whitney Engines	HC-E4N-3G	4E2271-10	RA2192-4		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
B200 with Raisbeck Quiet Propeller Conversion			RA2192-4				
A200C, 200C, B200 Series BB-1439, BB-1444 & after, except BB-1463, B200C, BL-139 & after and BW-1 & after			RA2192-4				
200, 200C, 200T, 200CT, A200C, A200CT, B200, B200C, B200T, B200CT, C-12D, C-12F, FWC-12D, RC-12D, UC-12B with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-41, -42 Engines	5HFR34C1008/96LTA-0	B-40245-56	RA40585	C-40411 C-40685 Assy.			RAC40464-1 (1) & RAC40464-2 (1)
200, 200C, 200T, 200CT, A200C, A200CT, B200, B200C, B200CT, B200T, C-12D, C-12F, FWC-12D, RC-12D, UC-12B, U-21J with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-41, -42 Engines	4HFR34C754/94LA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
A200CT (RC-12K, RC-12L, RC-12N, RC-12P, RC-12Q) with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-67 Engines	4JFR34C758/106LNA-X			C-40411 C-40463 Assy.			RAC40464-1 (1) & RAC40464-2 (1)
B200, B200C (C-12F, UC-12M), B200CT, B200T with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-42 Engines	3GFR34C702/100LA-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
B200, B200C (C-12F, C-12R), B200CT, B200T with McCauley De-ice with Pratt & Whitney PT6A-42 Engines	4HFR34C771/94LA-X	B-40245-56	RA40585	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
B200C (C-12F) with McCauley De-ice with Beech STC and McCauley De-ice with Pratt & Whitney PT6A-42 Engines	4HFR34C754/94LA-X	B-40245-52	RA40330	C-40151 C-40363 Assy.			RAC40371-1 (1) & RAC40371-2 (1)
300 T-6 Texan II JPATS with Pratt & Whitney Engines	HC-E4A-2A			4E3196-1			RA2620-1 (6)
300, 350, Super King Air with Pratt & Whitney Engines	HC-B4MP-3	4E2575-7 4E2575-10	RA-2117-8 RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
1900 Airliner with Pratt & Whitney Engines	HC-B4MP-3	4E2560-10	RA2192-2		RA2190-3	RA2111U-ROD (2)	RA1543-7 (2)
				4E3197-1			RA2620-1 (6)
1900D with Heavy Duty Brush Block with Pratt & Whitney Engines	HC-E44A-3	4E3400-1 4E3017-1	RA2626-1	4E3196-1			RA2620-1 (6)
Beriev							
BE-32 with Pratt & Whitney Engines	HC-E4P-3BX-1	4E3017-1	RA2626-1		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
Bombardier - see de-Havilland							
British Aerospace - see Handley Page							
Britten-Norman / Pilatus Britten-Norman							
BN-2 Islander	HC-C2YK-2B	4E2200-4	RA2150	4E1350-2			RA1306-1 (3)
BN-2A Islander				4E1350-5			RA1543-2 (3)
BN-2A Mark III Trilander					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
BN-2A Left Prop with Air Conditioning with Lycoming Engines				4E1908-1 (AC)			RA1543-1 (3)
BN2T with Allison Engines	HC-C3YF-2CF	4E2271-10	RA2150		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
BN2T with Lycoming Engines	HC-C3YF-2CUF	4E1188-4					
BN2T-(4) with Allison Engines	HC-C3YF-5F	4E3101-1	RA2150		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
CASA / Construcciones Aeronauticas							
C-212 with AirResearch Engines	HC-B3TN-5			4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
C-212-100 with AirResearch Engines	HC-B4TN-5EL	4E1601-5	RA1989-2	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
C-212-200 with AirResearch Engines	HC-B4MN-5AL	4E2336-10 4E2336-12	RA2192-2 RA2192-2		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
Cessna / Textron							
182S, 182T, T182T with McCauley De-ice with Lycoming Engine	B3D36C442/80VSB-X, B3D36C432/80VSA-X			C-40189 C-40179 Assy.			RAB40189 (2)
182S, T182T with McCauley De-ice with Lycoming TIO-540-AK1A, -AC1A5, -AJ1A	B3D36C442/80VSB-X B3D36C432/80VSA-X			C-40151 C-40660 Assy.			RAC40522-1 (1) & RAC40522-2 (1)
T182T with McCauley De-ice (Phenolic Block) with Lycoming Engine	B3D36C442/80VSB-X, B3D36C432/80VSA-X			C-40011 C-40010 Assy.			RAB40012 (2)
T182T with McCauley (Thermoplastic Block) with Lycoming Engine	B3D36C442/80VSB-X, B3D36C432/80VSA-X			C-40189 C-40179 Assy.			RAB40189 (2)
T182, TR182 with McCauley De-ice with Lycoming O-540-L3C5D Engine	B3D32C407/82NDA-X			C-40189 C-40179 Assy.			RAB40189 (2)
T182, TR182 with McCauley De-ice (Phenolic Block) with Lycoming Engine	B2D32C407/82NDA-3			C-40011 C-40010 Assy.			RAB40012 (2)
T182, TR182 with McCauley De-ice (Thermoplastic Block) with Lycoming O-540-L3C5D Engine	B2D32C407/82NDA-3			C-40189 C-40179 Assy.			RAB40189 (2)
TR182 Skylane with Lycoming Engine	B2D34C214 2				RA2171	RA2111U-ROD (2)	RA1543-7 (2)
206H T206H TU206G U206G with Soloy STC SA2353NM with Allison Engine	HC-C3YN-5A	4E2200-10	RA2150		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
206H, T206H with McCauley (Phenolic Block)	B3D36C442/80VSB-X, B3D36C432/80VSA-X			C-40011 C-40010 Assy.			RAB40012 (2)
206H, T206H with McCauley De-ice with McCauley De-ice with Lycoming TIO-540-AK1A, -AC1A5, -AJ1A	B3D36C442/80VSB-X, B3D36C432/80VSA-X			C-40151 C-40660 Assy.			RAC40522-1 (1) & RAC40522-2 (1)
TU206G with McCauley De-ice (Phenolic Block) with Continental TSIO-520-M Engine	D3A34C402/90DFA-X			C-40011 C-40055 Assy.			RAB40046
TU206G with McCauley (Thermoplastic Block) with Continental TSIO-520-M Engine	D3A34C402/90DFA-X			C-40151 C-40187 Assy.			RAB40193
208, 208A, 208B Caravan with Pratt & Whitney Engines	HC-B3MN-3	4E2336-12	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
208, 208A, 208B Caravan with Century Aviation STC SA9854SW with Pratt & Whitney Engine	HC-B3MN-3	4E2560-10	RA2192-2				

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
208, 208A, 208B Caravan with Hartzell STC SA02181AK with Pratt & Whitney Engine	HC-B3TN-3AF/3AFY	4E2560-10	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
208, 208A, 208B Caravan with Hartzell STC SA02092AK with Pratt & Whitney Engine	HC-B3TN-D4N/3R	4E2560-10	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
208, 208A, 208B, Caravan, w/ McCauley De-ice with McCauley De-ice with Pratt & Whitney PT6A-114, -114A	3GFR34C703/106GA-X	B-40245-54	RA40531	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
208, 208A, 208B, Caravan, w/ McCauley De-ice with Cessna STC SA02168CH, McCauley De-ice with Pratt & Whitney PT6A-114, -114A	4HFR34C775/96MGA-0	B-40245-54	RA40585	C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
210 with Continental Engine	E2A34C70 D3A32C88			4E1387-4, -6			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
210K, 210L, 210M, 210N with John Jewll STC SA00553AT with Continental Engine	PHC-J3YF-1RF				RA2142-2	RA2111U-ROD (3)	RA1543-7 (3)
P210N with O&N Aircraft STC SA1003NE with Continental Engine	HC-B3TF-7A				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
210N, 210R, P210N, T210N, w/ McCauley De-ice (Phenolic Block) with Continental IO-520-L, -P, -AF, -R Engines	D3A34C404/80VA-X, D3A34C402/90DFA-X			C-40011 C-40055 Assy.			RAB40046 (2)
210N, 210R, P210N, T210N, w/ McCauley De-ice (Thermoplastic Block) with Continental IO-520-L, -P, -AF, -R Engines	D3A34C404/80VA-X, D3A34C402/90DFA-X			C-40151 C-40187 Assy.			RAB40193 (2)
P210R, T210R with McCauley De-ice with Continental IO-520-L, -P, -AF, -R Engines	D3A36C410/80VMB-X			C-40151 C-40187 Assy.			RAB40193 (2)
T303 with McCauley De-ice with Continental IO-520-AE, LTSIO-520-AE	3AF32C506/82NEA-X 3AF32C507/L82NEA-X			C-40151 C-40187 Assy.			RAB40193 (2)
310 with Hartzell STC SA234CH with Continental TSIO-520 Engines with Continental IO-470 Engines	PHC-C3YF-2UF PHC-J3YF-2UF	4E1601-10	RA2067-3	4E1294			RA1306-3 (3)
					RA2142-1 (520)	RA2111U-ROD (3)	RA1543-7 (3)
					RA2142-2 (470)	RA2111U-ROD (3)	RA1543-7 (3)
310 thru H 320 Goodrich STC SA1-506 with Continental Engines	HC-A2XF(VF/MVF)-2			4E1294			RA1306-3 (3)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
					RA2142-2	RA2111U-ROD (3)	RA1543-7 (3)
310C, D, E, F, G, H, E310H, 310I, 310J-1 with McCauley De-ice with Continental IO-470-D, -U Engines	3AF32C528/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
310J, K, L, N, E310J with McCauley De-ice with Continental IO-470-U, -V, -VO Engines	3AF32C512/82NEA-X			C-40151 C-40187 Assy.			RAB40193 (2)
310P, 310Q with McCauley De-ice (Phenolic Block) with Continental IO-470-VO Engines	D2AF34C71/84JF-X 3AF32C87/82NC-X 3AF32C504/82NEA-X			C-40011 C-40055 Assy.			RAB40046 (2)
310P, 310Q with McCauley De-ice (Thermoplastic Block) with Continental IO-470-VO Engines	D2AF34C71/84JF-X 3AF32C87/82NC-X 3AF32C504/82NEA-X 3AF32C528/82NEA-X			C-40151 C-40187 Assy.			RAB40193 (2)
310R with McCauley De-ice (Phenolic Block) with Continental 520-M, MB Engines	3AF32C504/82NEA-X			C-40011 C-40055 Assy.			RAB40046 (2)
310R with McCauley De-ice (Thermoplastic Block) with Continental 520-M, MB Engines	3AF32C504/82NEA-X 3AF32C528/82NEA-X			C-40151 C-40187 Assy.			RAB40193 (2)
T310P, T310Q T310R with RAM STC SA09971SC with Continental Engines		4E1601-14	4E1967-3				
310R SN. 310R0938 - 310R2109 with McCauley De-ice with Continental Engines			RA-C165013-0604				
T310P, T310Q with McCauley De-ice (Phenolic Block) with Continental 520-B, BB Engines	D2AF34C71/84JF-X 3AF32C87/82NC-X 3AF32C504/82NEA-X			C-40011 C-40010 Assy.			RAB40012 (2)
T310P, T310Q with McCauley De-ice (Thermoplastic Block) with Continental 520-B, BB Engines	D2AF34C71/84JF-X 3AF32C87/82NC-X 3AF32C504/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
T310P, T310Q with Cessna STC and McCauley De-ice with Continental 520-B, BB Engines	3AF32C528/82NEA-X			C-40151 C-40187 Assy.			RAB40193 (2)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
320D, 320E 320F with RAM STC SA09971SC with Continental Engines		4E1601-14	4E1967-3				
320D, 320E, 320F, Skynight, with McCauley De-ice (Phenolic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40011 C-40010 Assy.			RAB40012 (2)
320D, 320E, 320F, with McCauley De-ice (Thermoplastic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
335 SN335-0001 and up, with McCauley De-ice with Continental Engines			RA-C165013-0604				
336 337 with Continental Engines	D2AF34C59 D2AF34C300 D2AF34C301			3E1387			RA1306-1 (2) & RA1306-2 (1)
				3E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
340, 340A with RAM STC SA09971SC with Continental Engines		4E1601-14	4E1967-3				
340A S/N 340A0314-340A1215 with McCauley De-ice with Continental Engines			RA-C165013-0604				
340, 340A with McCauley De-ice (Phenolic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40011 C-40010 Assy.			RAB40012 (2)
340, 340A with McCauley De-ice (Thermoplastic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
340, 340A with Cessna STC McCauley (Phenolic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40011 C-40010 Assy.			RAB40012 (2)
340, 340A Cessna STC McCauley (Thermoplastic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40151 C-40179 Assy.			RAB40189 (2)
401, 401A, 401B with McCauley De-ice (Phenolic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40011 C-40010 Assy.			RAB40012 (2)
401, 401A, 401B with McCauley De-ice (Thermoplastic Block) TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
340A S/N 340A0314-340A1215 with McCauley De-ice with Continental Engines			RA-C165013-0604				
402 402A, 402B, 402C	3AF32C505	4E2200-10	RA2192-3				
402 with American Jet STC SA2424WE with Allison Engine	HC-B3TF-7	4E2200-10	RA2192-3	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
402C with RAM STC SA09971SC with Continental Engines		4E1601-14	RA2067-3				
402, 402A, 402B, 402C, Businessliner, with McCauley De-ice (Phenolic Block) with Continental Engines TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40011 C-40010 Assy.			RAB40012 (2)
402, 402A, 402B, 402C with McCauley De-ice (Thermoplastic Block) with Continental Engines TSIO-520-B, -BB, -E, -EB, -K, -KB, -N, -NB, -VB	3AF32C504/82NEA-X 3AF32C505/82NEA-X			C-40151 C-40179 Assy.			RAB40189 (2)
402, 402C with Cessna STC for McCauley (Phenolic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40011 C-40010 Assy.			RAB40012 (2)
402, 402C Cessna STC McCauley (Thermoplastic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40151 C-40179 Assy.			RAB40189 (2)
402B S/N 402B1238 & up with McCauley De-ice with Continental Engines			RA-C165013-0602				
402B S/N 402B1238 & up with McCauley De-ice with Continental Engines			RA-C165013-0604				
402C S/N 402C0001 - 402C0406 with McCauley De-ice with Continental Engines			RA-C165013-0604				

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
402C with RAM STC SA09971SC with Continental Engines		4E1601-14	RA2067-3				
404 Titan with McCauley De-ice (Phenolic Block) with Continental GTSIO-520-M Engines	3FF32C501/90UMB-X			C-40011 C-40010 Assy.			RAB40012 (2)
404 with McCauley De-ice (Thermoplastic Block) with Continental GTSIO-520-M Engines	3FF32C501/90UMB-X			C-40151 C-40179 Assy.			RAB40189 (2)
414A, Chancellor, w/ RAM Conv. with RAM STC SA09971SC with Continental Engines	PCH-C3YF-2UF	4E1601-14	RA2067-3				
414, 414A with McCauley De-ice (Phenolic Block) with Continental TSIO-520-J, -JB, -N, -NB Engine	3AF32C505/82NEA-X (P5055186-0119) (P5055186-0419)			C-40011 C-40010 Assy.			RAB40012 (2)
414, 414A with McCauley De-ice (Thermoplastic Block) with Continental TSIO-520-J, -JB, -N, -NB Engine	3AF32C505/82NEA-X (P5055186-0119) (P5055186-0419)			C-40151 C-40179 Assy.			RAB40189 (2)
414, 414A with Cessna STC McCauley (Phenolic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40011 C-40010 Assy.			RAB40012 (2)
414, 414A Cessna STC McCauley (Thermoplastic Block) with Continental TSIO-520-J, -N, -NB, -VB	3AF32C515/82NLA-X			C-40151 C-40179 Assy.			RAB40189 (2)
RAM 414-AW with Cessna STC McCauley De-ice with Continental TSIO-520-A	3AF36C514/80MFA-X			C-40151 C-40179 Assy.			RAB40189 (2)
414 S/N 414-0950 & up with McCauley De-ice with Continental Engines			RA-C165013-0604				
414A S/N 414A0001-414A0607 with McCauley De-ice with Continental Engines			RA-C165013-0604				
414, 414A with RAM STC SA09971SC with Continental Engines		4E1601-14	RA2067-3				
421, 421A, 421B with McCauley De-ice (Phenolic Block) with Continental GTSIO-520-D, -H Engines	3AF37C516/90LFB-0 P5167110-0119			C-40011 C-40010 Assy.			RAB40012 (2)
421, 421A, 421B with McCauley De-ice (Thermoplastic Block) with Continental GTSIO-520-D, -H Engines	3AF37C516/90LFB-0 P5167110-0119			C-40151 C-40179 Assy.			RAB40189 (2)
421C with RAM STC SA10185SC with Continental Engines	PHC-C3YF-2UF	4E1601-14	RA2067-3				
421C with McCauley De-ice (Phenolic Block) with Continental GTSIO-520-L, -N Engines	3AFF32C501/90UMB-X			C-40011 C-40010 Assy.			RAB40012 (2)
421C with McCauley De-ice (Thermoplastic Block) with Continental GTSIO-520-L, -N Engines	3AFF32C501/90UMB-X			C-40151 C-40179 Assy.			RAB40189 (2)
425 with Pratt & Whitney Engines	HC-B3TN-3	4E1188-6	RA1989-7		RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
425 with McCauley De-ice with Pratt & Whitney PT6A-112 Engines	3GFR34C701/93KB-X			C-40151 C-40179 Assy.			RAB40189 (2)
425 with Cessna STC for McCauley De-ice with Pratt & Whitney PT6A-112, -135 Engines	4HR34C762/94LMA-X	B-40245-52	RA40330	C-40151 C-40257 Assy.			RAB40256-1 (1) & RAB40256-2 (1)
425 with Pratt & Whitney Engines					RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
441 with AIRsearch Engines	HC-BTN-5E/M	4E1188-6	RA1989-2				
441 with Exective Wings/Hartzell STC SA00058AT with Garrett Engines	HC-E4N-5	4E2271-10	RA2192-4		RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
441 with McCauley De-ice with TPE331-8, -10 Engines	3GFR34C601/93JA-X			C-40151 C-40187 Assy.			RAB40193 (2)
441 with Cessna STC for McCauley De-ice with TPE331-8, -10 Engines	4HFR34C661/90LNA-X	B-40245-56	RA40585	C-40151 C-40179 Assy.			RAB40189 (2)

Daher - See Socata

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
deHavilland / Bombardier / Viking Air Limited							
DHC-4 Caribou with Pen Turbo STC ST01294NY with Pratt & Whitney Engines	HC-B5MA-3A				RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
DHC-6 Twin Otter with Pratt & Whitney Engines	HC-B3TN-3	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) RA1543-2 (1)
DHC-6-300 with Field Aviation STC SA00023NY with Pratt & Whitney Engines	HC-D4N-3A				RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
DHC-6-300 with McCauley De-ice with Pratt & Whitney PT6A-27 Engines	4HFR34C764/90LNA-X	B-40245-52	RA40330				
Czech Turbolet							
L-410 with Pratt & Whitney Engines	HC-B3TN-3D HC-B4TN-3D	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) RA1543-2 (1)
					RA2144-1	RA2111U (3)	RA1543-7 (3)
deHavilland							
DHC-4 Caribou with Pen Turbo STC ST01294NY with Pratt & Whitney Engines	HC-B5MA-3A				RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
DCH-6 Twin Otter with Pratt & Whitney Engines	HC-B3TN-3	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
DCH-6 Field Aviation STC SA00023NY with Pratt & Whitney Engines	HC-D54N-3A				RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
DCH-6-300			RA2192-4				
Dornier							
DO128-6 with Pratt & Whitney Engines	HC-B3TN-3D	4E1188-5	RA1989-2		RA2144-1	RA2111U (3)	RA1543-7 (3)
DO228 with Pratt & Whitney Engines	HC-B3TN-5HL/ML	4E2635-10 4E2598-10	RA2469-1		RA2142-1	RA2111U (3)	RA1543-7 (3)
Douglas							
DC3A, DC-3C Greenwich Aircraft STC SA3820SW with Pratt & Whitney Engines	HC-B5MA-3		RA1989-4		RA2190-1	RA2111U-ROD (3)	RA1543-7 (3)
DC-3C with Basler STC SA4840NM with Pratt & Whitney Engines	HC-B5MA-3J	4E2595-7	RA2117-10		RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
Embraer							
EMB110 Bandeirante with Pratt & Whitney Engines	HC-B3TN-3	4E1188-6 4E2200-10	RA1989-2 RA2192-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-5 (3)
EMB121 with Pratt & Whitney Engines	HC-B4TN-3	4E188-5	RA1989-3		RA2144-1	RA2111U-ROD (3)	RA1543-5 (3)
312A with Pratt & Whitney Engines	HC-B3TN-3	4E1188-6	RA1989-2		RA2144-1	RA2111U-ROD (3)	RA1543-5 (3)
312A,312F with Pratt & Whitney Engines	HC-B3TN-3	4E2092-2	RA2192-2		RA2190-1	RA2111U-ROD (3)	RA1543-5 (3)
Evangel Air							
4300-300 with Lycoming Engine	HC-C2YK			4E1350-5			RA1543-2 (3)
					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
Fairchild / Swearingen							
SA26-T, SA26-AT, with Garrett Engines SA226-T, SA226-AT, SA226-TC	HC-B3TN-5C	4E2200-10	RA2192-2	4E1387-1 4E1387-5			RA1306-1 (2) & RA1306-2 (1) RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
SA26-T, SA26-AT, with Pratt & Whitney Engines SA226-T, SA226-AT, SA226-TC	HC-B3TN-3			4E1311, -1 4E1311-2			RA1306-1 (2) & RA1306-2 (1) RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
SA26-T, SA26-AT with Airsearch Engines SA226-T, SA226-AT, SA226-TC	HC-B3TN-5			4E1387-1 4E1387-5			RA1306-1 (2) & RA1306-2 (1) RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
SA227-TT, SA227-AT, SA227-TC with AiRsearch Engines	Dowty Rotor R321, R324	4E1188-6 4E2200-10	RA1989-2 RA2192-2		RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
SA227-AC, -AT, -BC, -CC, -DC, Metroliner with McCauley De-ice with TPE331-11U, -12UA, -12UAR, -12UHR	4HFR34C652/L106LA-X		RA40387	C-40151 C-40331 Assy.			RAB40332 (2)
Franks							
Mohawk 298 BFG Hotrop Conversion Kit 67-024			RA2192-4				
Government Aircraft Factories (G.A.F.)							
N-22B Nomad with Allison Engines	HC-A3VF7	41188-5	RA1989-2	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
Gulfstream - see Grumann American or Aero Commander							
Handley Page / British Aerospace							
137 Mk.1 wwith Jetstream STC SA2293SW with Pratt & Whitney Engines	HC-B3TN-3D	41188-5	RA1989-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Harbin							
Y1-11B with Continental Engines	PHC-C3YF-2KUF	4E2271-10	RA2150	3E2414-3			RA2426-3 (3)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Y-12 with Pratt & Whitney Engines	HC-B3TN-3B	4E1188-3B	RA1989-2		RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Y-12 with Pratt & Whitney Engines	HC-B3TN-3D	41188-5	RA1989-2		RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Hawker Beechcraft - see Beech							
Israel Aircraft							
101 Arava with Pratt & Whitney Engines	HC-B3TN-3D	41188-5	RA1989-2	4E1311-3			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
Korean Aerospace Industries							
KT-1 with Pratt & Whitney Engines	HC-B3TN-3C	4E2200-10	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
Mitsubishi							
MU-2 with AiRsearch Engines	HC-B3TN-5L	41188-7	RA1989-4	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
MU-2 with AiRsearch Engines	HC-B4TN-5	4E2200-10 41188-5	RA2192-2 RA1989-2	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
Mooney							
201 (M20J) with 14 Volt wth Lycoming Engine	B2D34C214				RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
201 (M20J) with 28 Volt wth Lycoming Engine	B2D34C214				RA2190-2	RA2111U-ROD (2)	RA1543-7 (2)
231 (M20K) wth Continental Engine	HO-V123				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
252 (M20K) with 28 Volt wth Continental Engine	BHC-J2YF-1BF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
M20K with 14 Volt wth Continental Engine	PHC-J2YF-1B 2A34C216 PHC-J3YF-1RF				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
M20M with McCauley De-ice with Lycoming TIO-540-AF1A	B3D32C417/82NRD-X			C-40151 C-40521			RAC40522-1 (1) & RAC40522-2 (1)
M20R Ovation with McCauley De-ice with Continental TSIOL-550-G Engine	3A32C418/82NRC-X			C-40151 C-40257 Assy.			RAC40256-1 (1) & RAC40256-2 (1)
Rocket M20L, M20M, M20R with McCauley STC for McCauley De-ice with Continental TSIOL-550-A Engine	3AF32C525/80VMFA-X		RA2171-2	C-40151 C-40179 Assy.			RAB40189 (2)
Partenavia / Vulcanair							
P68 Observer with Lycoming Engines	HC-C2YK-2CUF HC-C3YK-2			4E1639			RA1543-1 (2) & RA1543-2 (1)
P68TC with Allison Engines	HC-B3TF-7A				RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
AP68TP with Allison Engines	HC-B3TF-7	4E2200-10	RA2192-2		RA2162-1	RA2111U-ROD (2)	RA1543-7 (2)
Pilatus Britten-Norman - Also see Britten Norman							
PC-6 with Pratt & Whitney Engine	HC-B3TN-3	4E1185-5 4E2200-10	RA1989-2 RA2192-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
PC-6/B1-H2, PC-6/B2-H2, PC-6B/B2-H4 with Hartzell STC SA377CH with Pratt & Whitney Engine	HCD4N-3P	4E2271-10	RA2192-4		RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
PC-7 with Pratt & Whitney Engine	HC-B3TN-3	4E2200-10	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PC-7MK II with Pratt & Whitney Engine	HC-D4N-2	4E2271-10	RA2192-4		RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
PC-9 with Pratt & Whitney Engine	HC-D4N-2	4E2271-10	RA2192-4		RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
PC-12, PC-12/45, PC-12/47 with Pratt & Whitney Engine	HC-E4A-3D	4E3051-10	RA2460-4 RA2460-4HD				
Piper / The New Piper Aircraft, Inc.							
PA-23 Apache PA-23-160 Goodrich STC SA1-484 with Lycoming Engines	HC-A2LXL-2 C2YK-2	4E229-10	RA2192-2				
PA-23-250 Aztec with Goodrich STC SA1-485 with 14 Volt with Lycoming Engines	HC-A3XK-2	4E229-10	RA2192-2				
PA-30, -39 Twin Comanche, with Miller STC SA1151SW	HC-C2YK-2			4E1639			RA1543-1 (2) & RA1543-2 (1)
PA-31 Navajo Non-Pressurized Normal Rotation Propellers with Lycoming Engines	HC-E2YR-2	4E2271-10	RA2194-1	4E1350-2 4E1350-5			RA1306-1 (3) RA1543-2 (3)
					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-31 Non-Pressurized, Normal Rotation Propellers with Lycoming Engines	HC-E2YR-2	4E2271-10	RA2194-1	4E1350-2 4E1350-5			RA1306-1 (3) RA1543-2 (3)
					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-31 Non-Pressurized, Normal rotation propellers / No Air Conditioning with Lycoming Engines	BHC-3YR-2A		RA1649 Hub Ext.	4E1350-2 4E1350-5			RA1306-1 (3) RA1543-2 (3)
					RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-31, PA-31-350 Non-Pressurized Normal rotation propellers / No Air Conditioning Right prop / Air conditioning with Lycoming Engines	HC-E3YR-2 (AF, ALF, ATF, ALTF)	4E2271-10 4E2200-10 (CR)	RA2194-1 RA2194-1 RA1649 Hub Ext.		RA2146-1	RA2111U-ROD (3)	RA1543-7 (3)
				4E1350-5			RA1543-2 (3)
				4E1908-1(A/C)			RA1543-1 (2) & RA1543-2 (1)
PA-31 Series, PA-31-325, PA-31-350 Colemill STC's SA970SO, SA1151SO Normal rotation propellers / No Air Conditioning Right prop / Air conditioning with Lycoming Engines	HC-C4YR-2	4E1601-7 4E1601-14 4E1188-7 (C/R)	RA2067-1 RA2067-3 RA2067-1				RA1543-2 (3)
				4E1350-5 4E1908-1(A/C)			RA1543-1 (2) & RA1543-2 (1)

Aircraft Manufacturer and Model # Notes	Propeller Model #	De-Icer OEM PN	Wire Harness PN / Hub Extender PN	Solid Block OEM PN	Modular Brush Block Assy. PN	Brush Module PN (Quantity)	Brush PN (Quantity)
PA-31-P Pressurized wth Lycoming Engines	HC-C3YN-2L	4E2200-10	RA2194-3	4E1387-4,-6			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-31-P-350 Pressurized wth Lycoming Engines	HC-IC3YN-2UF	4E2271-10 4E2200-10 (CR)	RA2150 RA2150		RA2171	RA2111U-ROD (2)	RA1543-7 (2)
PA-31T, PA-31T1, PA-31T2 with Pratt & Whitney Engines	HC-B3TH-3B	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-31T, PA-31T1, PA-31T2 Aircraft Restorations STC SA0086SE with Pratt & Whitney Engines	HC-E4N-3B	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
PA-31T1A, PA-31T12A, PA-31T3, with Pratt & Whitney Engines	HC-B3TH-3B	4E2200-10	RA2194-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PA-31T, PA-31T1 with Piper STC and McCauley De-ice with Pratt & Whitney PT6A-28, -11 Engines	4HFR34C766/94LNA-X	B-40245-52	RA40330	C-40151 C-40179 Assy.			RAB40189 (2)
PA-34-200 Seneca Goodrich STC SA900EA wth Lycoming Engines	HC-C2YK-2	4E2303-10 4E2292-10	RA2194-1 RA2194-1	4E1908-1			RA1543-1
PA-34-200T wth Continental Engines	BHC-C2YF-2CLKF	4E1601-10 (Left)	RA2067-3		RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-34-200T, PA-34-220T wth 14 Volt wth Continental Engines	BHC-C2YF-2CLKF	4E1601-10 (Left) 4E2303-10 (Left)	RA2067-3 RA2194-1	4E1387-5			RA1543-1 (2) & RA1543-2 (1)
					RA2142-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-34-200T, PA-34-220T wth 14 Volt wth Continental Engines	3AF34C502/503 3AF34C508/509	4E2292-10 4E2303-10	RA2192-5 RA2192-5		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
PA-34-200T, PA-34-220T wth 14 Volt wth Continental Engines	PHC-C3YF-2(L)KUF	4E2292-10 4E2303-10	RA2150 RA2150		RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
PA-34-220T wth 28 Volt wth Continental Engines	3AF32C522 (LH) 3AF32C523 (RH)				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
PA-34-220T wth 28 Volt wth Continental Engines	BHC-J2YF-2CLUF				RA2162-2	RA2111U-ROD (2)	RA1543-7 (2)
PA42 Cheyenne with Pratt & Whitney Engines	HC-B3TH-3B	4E1188-5	RA1989-2	4E1311-2			RA1543-1 (2) & RA1543-2 (1)
					RA2144-1	RA2111U-ROD (3)	RA1543-7 (3)
PA-42, PA-42-720 with Piper STC and McCauley De-ice with Pratt & Whitney PT6A-41, -61 Engines	4HFR34C774/94LPA-X			C-40151 C-40179 Assy.			RAB40189 (2)
PA-44-180 Seminole wth Continental Engines	HC-C2YR-2C/CL	4E2292-10 4E2303-10	RA2150 RA2150		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PA-44-180 wth Continental Engines	HC-C3YR-2/CL	4E2292-10 4E2303-10	RA2150 RA2150		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PA-46 Malibu wth Continental Engine	HC-B3TN-3CX	4E3436-10	RA2192-2		RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-310P wth Continental Engine	BHC-C2YF-1BF				RA2190-1	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-310P Hartzell STC SA01616CH wth Continental Engine	PHC-G3YF-1E				R2171	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-310P Malibu Power & Propeller STC SA01770CH wth Continental Engine	PCH-G3YF-1E				R2171	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-310P PA-46-350 wth Lycoming Engine	HC-12YR-1BF				R2171	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-310P PA-46-350 with Jetprop STC ST00541SE wth Pratt & Whitney Engine	HC-E4N-31				RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
PA-46-310P PA-46-350 with Jetprop STC SA00541SE wth Pratt & Whitney Engine	HC-E4N-3M	4E3462-1	RA2626-1		RA2144-2	RA2111U-ROD (3)	RA1543-7 (3)
PA-46-350P Meridian wth Continental Engine	HC-13YR-1E				RA2171	RA2111U-ROD (2)	RA1543-7 (2)
PA-46-350P Hartzell STC SA01340CH wth Continental Engine	HC-13YR-1E				RA2171	RA2111U-ROD (2)	RA1543-7 (2)

[illegible]