

# RAPCO INC. DE-ICE APPLICATION GUIDE

## FAA-PMA/EASA Approved Propeller De-ice - Brushes and Wire Harnesses Replacement Parts for BFG and McCauley Propeller De-Ice Systems

This Application Guide is to be used for reference only. All RAPCO part numbers begin with RA. OEM part numbers are shaded and shown for reference.

When selecting a part for installation consult the appropriate aircraft parts catalogue, maintenance manual, or equipment list for approved data.

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

To convert a BFG part number to a RAPCO 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 add RA to the beginning of the number.

[Refer to the FAA-PMA Supplement for installation eligibility.](#)

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

| Aircraft Manufacturer and Model #<br>Notes                                     | Propeller Model #      | De-Icer<br>OEM PN    | Wire Harness PN /<br>Hub Extender PN | Solid Block<br>OEM PN | Modular Brush<br>Block Assy. PN | Brush Module PN<br>(Quantity) | Brush PN<br>(Quantity)         |
|--|------------------------|----------------------|--------------------------------------|-----------------------|---------------------------------|-------------------------------|--------------------------------|
| 685<br>with Continental Engines  | HC-F3YN-2<br>HC-H3YN-2 |                      |                                      | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 681<br>with AiResearch Engines   | 33LF-325               |                      |                                      | 4E1387-1              |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1) |
|  |                        |                      |                                      | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 690, 690A, 690B<br>with AiResearch Engines                                     | HC-B3TN-5FL            | 4E1601-5             | RA1989-2                             | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2142-1, -2                    | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 690C, 690D<br>695, 695A<br>with AiResearch Engines                             | Dowty RotoL 324        |                      |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 700<br>Fuji 300-12<br>with Lycoming Engines                                    | HC-E3YR-2AF            | 4E1601-7             | RA2067-1                             | 4E1639                |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2142-2                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 720<br>with Goodrich STC SA132EA<br>with Lycoming Engines                      | HC-A3X20-2             |                      |                                      | 4E1311, -1            |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1) |
| 720<br>with Goodrich STC SA1-520<br>with Lycoming Engines                      | H83x20                 |                      |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
|  |                        |                      |                                      | 4E1311, -1            |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1) |
|  |                        |                      |                                      | 4E1311-2              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| <b>Aero Vodochody</b>  |                        |                      |                                      |                       |                                 |                               |                                |
| AE270<br>with Pratt & Whitney Engine   | HC-E4N-3P              |                      |                                      |                       | RA2142-2                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| <b>Aerostar / Ted Smith Aerostar / Piper Aerostar</b>                          |                        |                      |                                      |                       |                                 |                               |                                |
| PA-60-600,<br>PA-60-601, PA-60-601P,<br>PA-60-602P<br>with Lycoming Engines    | HC-C3YR-2              |                      |                                      | 4E1350-2              |                                 |                               | RA1306-1 (3)                   |
|  |                        |                      |                                      | 4E1350-5              |                                 |                               | RA1543-2 (3)                   |
|  |                        |                      |                                      |                       | RA2146-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| PA-60-700P<br>with Lycoming Engines  | HC-C3YR-2/2L           | 4E2271-10<br>4E22-10 | RA2150-2<br>RA2150-2                 |                       | RA2171                          | RA2111U-ROD (2)               | RA1543-7 (2)                   |
| <b>Aerospatiale</b>  |                        |                      |                                      |                       |                                 |                               |                                |
| Nord 262A  |                        |                      | RA2192-4                             |                       |                                 |                               |                                |
| <b>American Jet Industries</b>   |                        |                      |                                      |                       |                                 |                               |                                |
| Hustler<br>with AiResearch Engine  | HC-B4TN-5F             |                      |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| <b>Antonov</b>   |                        |                      |                                      |                       |                                 |                               |                                |
| AN-28<br>with Pratt & Whitney Engines  | BHC-C2YF               |                      |                                      |                       | RA2190-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| <b>Avia Acord</b>  |                        |                      |                                      |                       |                                 |                               |                                |
| Avia Acord<br>with Continental Engines   | BHC-C2YF-2KUF          | 4E2271-10            | RA2192-2                             |                       | RA2190-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| Avia Acord 201<br>with Continental Engines                                     | BHC-C3YF-2KUF          | 4E1601-10            | RA2067-3                             |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| <b>Beech / Beechcraft / Raytheon / Hawker Beechcraft / Textron</b>             |                        |                      |                                      |                       |                                 |                               |                                |
| Beech 18<br>with American Turbine Westwind STC<br>with Pratt & Whitney Engines | HC-B3TN-3              |                      |                                      | 4E1311-1              |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1) |
|  |                        |                      |                                      | 4E1311-2              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| Beech 18<br>with Goodrich STC SA1-502<br>with Pratt & Whitney Engines          | HC-B3TN-3              |                      |                                      | 4E1311-1              |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1) |
|  |                        |                      |                                      | 4E1311-2              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| 33 Bonanza<br>with 14 Volt System<br>with Continental Engine                   | 2A36C23/C82<br>3A32C76 |                      |                                      | 4E1387-3, -5          |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1) |
|  |                        |                      |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)                   |
| F33A, F33C<br>with Machen STC SA762NW, 28 Volt<br>with Continental Engine      | HC-F3YR-1RF            |                      |                                      |                       | RA2171                          | RA2111U-ROD (2)               | RA1543-7 (2)                   |

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

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

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

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

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

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



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

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

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

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

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

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

| Aircraft Manufacturer and Model #<br>Notes  | Propeller Model #       | De-Icer<br>OEM PN     | Wire Harness PN /<br>Hub Extender PN | Solid Block<br>OEM PN | Modular Brush<br>Block Assy. PN | Brush Module PN<br>(Quantity) | Brush PN<br>(Quantity)   |
|---|-------------------------|-----------------------|--------------------------------------|-----------------------|---------------------------------|-------------------------------|--|
| PA-46-500TP<br>with Pratt & Whitney Engine  | HC-E4N-3Q               |                       |                                      |                       | RA2144-2                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| PA-60-700P<br>with Lycoming Engines   | HC-C3YR-2/2L            | 4E2271-10<br>4E22-10  | RA2150-2<br>RA2150-2                 |                       | RA2171                          | RA2111U-ROD (2)               | RA1543-7 (2)   |
| <b>Reims</b>  |                         |                       |                                      |                       |                                 |                               |  |
| F406<br>with Pratt & Whitney Engine   | HC-E4N-3N<br>HC-D4N-3N  | 4E2271-12             | RA2192-4                             |                       | RA2190-1                        | RA2111U-ROD (2)               | RA1543-7 (2)   |
| <b>Raytheon - see Beech</b>   |                         |                       |                                      |                       |                                 |                               |  |
| <b>Rockwell - see Aero Commander</b>  |                         |                       |                                      |                       |                                 |                               |  |
| <b>Short Brothers</b>   |                         |                       |                                      |                       |                                 |                               |  |
| SC7<br>with AiResearch Engines  | HC-B4TN-5EL             | 4E1601-5              | RA1989-2                             | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
|   |                         |                       |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| SC7<br>with AiResearch Engines  | HC-B3TN-5               |                       |                                      | 4E1387-1<br>4E1387-5  |                                 |                               | RA1306-1 (2) &<br>RA1306-2 (1)<br>RA1543-1 (2) &<br>RA1543-2 (1) |
|   |                         |                       |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| SC7<br>with AiResearch Engines  | HC-B3TN-5               | 4E1188-6              | RA1989-2                             | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
|   |                         |                       |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| SC7<br>with AiResearch Engines  | HC-B4TN-5               | 4E1188-5              | RA1989-2                             | 4E1387-5              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
|   |                         |                       |                                      |                       | RA2142-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| SD3-30<br>with Pratt & Whitney Engines  | HC-B5TN                 | 4E1601-7<br>4E2271-10 | RA1989-4<br>RA2192-4                 | 4E1311-3              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
|   |                         |                       |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| SD3-60<br>with Pratt & Whitney Engines  | HC-B5MP-3C              | 4E2595-7<br>4E2595-10 | RA2117-4<br>RA2192-2                 |                       | RA2190-1                        | RA2111U-ROD (2)               | RA1543-7 (2)   |
| <b>SIAI-Marchetti</b>   |                         |                       |                                      |                       |                                 |                               |  |
| S.210<br>with Lycoming Engines  | HC-C2YR-2B              |                       |                                      | 4E1639                |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
| SF600TP<br>with Allison Engines   | HC-B3TF-7A              | 4E2824-10             | RA2192-2                             |                       | RA2162-2                        | RA2111U-ROD (2)               | RA1543-7 (2)   |
| <b>Swearingen - see Fairchild</b>   |                         |                       |                                      |                       |                                 |                               |  |
| <b>Textron see Beech or Cessna</b>  |                         |                       |                                      |                       |                                 |                               |  |
| <b>Turbolet</b>   |                         |                       |                                      |                       |                                 |                               |  |
| L-410   | HC-B3TN-3D<br>HC-B4TN-3 |                       | RA1989-2                             | 4E1311-2              |                                 |                               | RA1543-1 (2) &<br>RA1543-2 (1)                                   |
|   |                         |                       |                                      |                       | RA2144-1                        | RA2111U-ROD (3)               | RA1543-7 (3)   |
| <b>Twin Commander - see Aero Commander</b>  |                         |                       |                                      |                       |                                 |                               |  |
| <b>Viking Air Limited - see de-Havilland</b>                                      |                         |                       |                                      |                       |                                 |                               |  |
| <b>Vulcanair See Partenavia</b>   |                         |                       |                                      |                       |                                 |                               |  |
| For reference only. For installation eligibility refer to the FAA-PMA Supplement. |                         |                       |                                      |                       |                                 |                               |  |