



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

**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

**EXTEX Engineered Products Inc.  
340 E Germann, Suite 113  
Gilbert Arizona 85297 USA**

**PMA No: PQ2203NM  
Supplement No: 61  
Date: 5/17/2022**

| <b>Article Name</b>                    | <b>Article Number</b> | <b>Approved Replacement for Article Number</b> | <b>Approval Basis and Approved Design Data</b>  | <b>Make/TCH Eligibility</b> | <b>Model/Series Eligibility</b>   |
|--|-----------------------|--|---|-----------------------------|---|
| Blade – Compressor Rotor 5 Stage       | 756505                | 756505   | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 756505<br/>Rev: IR<br/>Date: 11/19/2021</p> | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Case – Turbine Exhaust Assembly of     | 761812                | 761812   | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 761812<br/>Rev: IR<br/>Date: 11/19/2021</p> | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Box & Cable – Thermocouple Assembly of | 664236                | 664236   | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 664236<br/>Rev: IR<br/>Date: 11/19/2021</p> | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|---|----------------|---|---|----------------------|---|
| Spacer – Plate<br>Combustion<br>Chamber Duct<br>Support | 628777         | 628777                                  | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 628777<br/>Rev: IR<br/>Date: 11/19/2021</p> | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Fairing – Fuel<br>Nozzle Support                        | 735330         | 735330                                  | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 735330<br/>Rev: IR<br/>Date: 11/19/2021</p> | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Stud – Plain<br>.190-24-32 x<br>2.188 Long              | 474948         | 474948                                  | <p>Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt &amp; Whitney Division, File No. LA 06302, dated 05/11/2022.</p> <p>Dwg No: 474948<br/>Rev: IR<br/>Date: 10/8/21</p>    | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|--|-----------------------|--|--|-----------------------------|---|
| Stud – Plain<br>.190-24-32 x<br>2.188 Long | 474948P3              | 474948P3                                       | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 474948<br><u>Rev:</u> IR<br><u>Date:</u> 10/8/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Stud – Plain<br>.190-24-32 x<br>2.188 Long | 474948P6              | 474948P6                                       | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 474948<br><u>Rev:</u> IR<br><u>Date:</u> 10/8/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Stud – Plain<br>.190-24-32 x<br>2.188 Long | 474948P9              | 474948P9                                       | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 474948<br><u>Rev:</u> IR<br><u>Date:</u> 10/8/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|--|-----------------------|--|---|-----------------------------|---|
| Stud – Plain<br>.190-24-32 x<br>2.188 Long | 474948P12             | 474948P12                                      | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 474948<br><u>Rev:</u> IR<br><u>Date:</u> 10/8/21  | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Metering Plug –<br>Bleed Control           | 506503CL1             | 506503CL1                                      | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Metering Plug –<br>Bleed Control           | 506503CL2             | 506503CL2                                      | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|-------------------------------|----------------|---|---|----------------------|---|
| Metering Plug – Bleed Control | 506503CL3      | 506503CL3                               | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Metering Plug – Bleed Control | 506503CL4      | 506503CL4                               | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |
| Metering Plug – Bleed Control | 506503CL5      | 506503CL5                               | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney      | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|-------------------------------|-----------------------|--|---|-----------------------------|---|
| Metering Plug – Bleed Control | 506503CL6             | 506503CL6                                      | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 506503<br><u>Rev:</u> IR<br><u>Date:</u> 10/11/21 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |



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|--|-----------------------|--|---|-----------------------------|---|
| Duct – Fan<br>Combustion<br>Chamber &<br>Turbine Assy Of | 616313                | 616313   | Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 05/11/2022.<br><br><u>Dwg No:</u> 616313<br><u>Rev:</u> IR<br><u>Date:</u> 4/8/22 | Pratt & Whitney             | JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-15A, JT8D-17, JT8D-17A, JT8D-17AR, JT8D-17R |

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

**NOTE:** The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

FOR \_\_\_\_\_  
**Susan Kerekes**  
**Aviation Safety**  
**Acting Manager, Phoenix MIDO Section**