



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**

**PMA NO: PQ2203NM
SUPPLEMENT NO: 72
DATE: May 25, 2023**

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Ring- Retaining- 1.000 Housing Dia X .042 - Inverted	270771	270771	Identicity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 DWG No: 270771 Rev: C Date: 02/28/1984, or later FAA approved revisions	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-17R, JT8D-17AR, JT8D-209, JT8D-217, JT8D-217A, JT8D-217C, JT8D-219
Duct- Compressor Outer, 5 Stage	479613	479613	Identicity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 479613 Rev: A3 Date: 06/23/1969, or later FAA approved revisions	Pratt & Whitney	JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15

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Seal- #4 Bearing- Assembly of	5005154-01	5005154-01	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 5005154 Rev: B Date: 04/18/1985, or later FAA approved revisions	Pratt & Whitney	JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-17, JT8D-17R, JT8D-15A, JT8D-17A, JT8D-17AR
Tube- Drain- #4 Bearing, Inner- Assy of	5006627-01	5006627-01	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 5006627 Rev: IR Date: 08/28/1980, or later FAA approved revisions	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-17R, JT8D-17AR
Spacer- Sleeve- .2535 X .359 X .355	567888	567888	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 567888 Rev: J Date: 02/02/1988, or later FAA approved revisions	Pratt & Whitney	JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-17, JT8D-17R

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Support Assembly- Engine Mount	650270	650270	Identicality per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 650270 Rev: -- Date: 06/20/1968, or later FAA approved revisions	Pratt & Whitney	JT8D-9, JT8D-9A, JT8D-15
Housing- Bleed Control- Assy of	658491	658491	Identicality per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 658491 Rev: A Date: 01/10/1975, or later FAA approved revisions	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-17R, JT8D-17AR, JT8D-209, JT8D-217, JT8D-217A, JT8D-217C, JT8D-219

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Blade-Compressor Rotor, 2 Stage, Assembly of	745622	745622	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 745622 Rev: F Date: 03/23/1993, or later FAA approved revisions	Pratt & Whitney	JT8D-9, JT8D-9A, JT8D-11
Seat- #4 Bearing Seal	760372	760372	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 760372 Rev: D Date: 04/01/1982, or later FAA approved revisions	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-17R, JT8D-17AR, JT8D-209, JT8D-217, JT8D-217A, JT8D-217C, JT8D-219

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Spacer- #4 Bearing	767461	767461	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 767461 Rev: A Date: 12/11/1979, or later FAA approved revisions	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, JT8D-209, JT8D-217, JT8D-217A, JT8D-217C, JT8D-219
Housing- #4 Bearing, Assembly of	771896	771896	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 771896 Rev: E Date: 07/15/1980, or later FAA approved revisions	Pratt & Whitney	JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-11, JT8D-15, JT8D-17, JT8D-17R, JT8D-209

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Hub- Rear Compressor	772293	772293	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 772293 Rev: -- Date: 10/21/1977, or later FAA approved revisions	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
Strainer Element-Sleeve, #4 Bearing, Assembly of	786573	786573	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 786573 Rev: A Date: 04/29/1981, or later FAA approved revisions	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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Compressor Stator – 9 Stage, Assembly of	793379	793379	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 793379 Rev: AA Date: 02/13/2006, or later FAA approved revisions	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-17R
Case Assembly- Turbine, Rear	804212	804212	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 804212 Rev: A Date: 12/22/1987, or later FAA approved revisions	Pratt & Whitney	JT8D-1, JT8D-1A, JT8D-1B, JT8D-7, JT8D-7A, JT8D-7B, JT8D-9, JT8D-9A, JT8D-15A, JT8D-17A, JT8D-17AR

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Seal- Face, #4 & #5 Bearing, Assembly of	806685	806685	Identity per 14 CFR §21.303, License Agreement between EXTEX Engineered Products, Inc. and Raytheon Technologies Corp, Pratt & Whitney File No. License Agreement LA06302 A11 dated 05/24/2023 Dwg No: 806685 Rev: B Date: 02/12/1990, or later FAA approved revisions	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, JT8D-209, JT8D-217, JT8D-217A, JT8D-217C, JT8D-219

-----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 John P. Rigg
Manager, Scottsdale Certificate Management
Section
System Oversight Division
Aircraft Certification Service