



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: 31  
DATE: December 19, 2018

| ARTICLE NAME   | ARTICLE NUMBER | APPROVED REPLACEMENT FOR PART NUMBER | APPROVAL BASIS AND APPROVED DESIGN DATA  | MAKE/TCH ELIGIBILITY | MODEL/SERIES ELIGIBILITY                                     |
|--|----------------|--------------------------------------|--|----------------------|--|
| Ring – Sealing, #4 Bearing, Assy                         | 691834         | 691834                               | Identicality per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and United Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 11/29/2018<br><br><u>Dwg No:</u> 691834<br><u>Rev:</u> I/R<br><u>Date:</u> 7/18/2018, or later<br>FAA approved revisions | Pratt & Whitney      | JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -17, -17R |
| Tube – Air Supply, #4 Bearing Seal, Inner Internal, Assy | 636984         | 636984                               | Identicality per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and United Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 11/29/2018<br><br><u>Dwg No:</u> 636984<br><u>Rev:</u> I/R<br><u>Date:</u> 8/15/2018, or later<br>FAA approved revisions | Pratt & Whitney      | JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -17, -17R |
| Case – Compressor, Assy                                  | 754227         | 754227                               | Identicality per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and United Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 11/29/2018<br><br><u>Dwg No:</u> 754227<br><u>Rev:</u> I/R<br><u>Date:</u> 9/25/2018, or later<br>FAA approved revisions | Pratt & Whitney      | JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -17, -17R |



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| Hub – Turbine | 769047         | 769047                               | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and United Technologies Corporation, Pratt & Whitney Division, File No. LA 06302, dated 11/29/2018<br><br><u>Dwg No:</u> 769047<br><u>Rev:</u> I/R<br><u>Date:</u> 9/26/2018, or later<br>FAA approved revisions | Pratt & Whitney      | JT8D-1, -1A, -1B, -7, -7A, -7B, -9, -9A, -11, -15, -17, -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 FAA-PMA.

John Rigg  
Aviation Safety  
Manager, Phoenix MIDO Section