



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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

**EXTEX Engineered Products Inc.
340 E Germann Road, Suite 113
Gilbert Arizona 85297-0614 USA**

**PMA NO: PQ2203NM
SUPPLEMENT NO: 18
DATE: April 17, 2018
AMENDED: July 20, 2021**

| ARTICLE NAME | ARTICLE NUMBER | APPROVED REPLACEMENT FOR PART NUMBER | APPROVAL BASIS AND APPROVED DESIGN DATA | MAKE/TCH ELIGIBILITY | MODEL/SERIES ELIGIBILITY |
|---|----------------|--------------------------------------|---|----------------------|--|
| Blade – High Pressure Compressor, 6 Stage | E1B8406 | 1B8406 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8406 <u>Rev:</u> I/R <u>Date:</u> 01/19/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |
| Blade – High Pressure Compressor, 6 Stage | E1B8506 | 1B8506 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8506 <u>Rev:</u> I/R <u>Date:</u> 01/24/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |
| Blade – High Pressure Compressor, 7 Stage | E1B8607 | 1B8607 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8607 <u>Rev:</u> I/R <u>Date:</u> 01/19/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |



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| Blade – High Pressure Compressor, 7 Stage | E1B8707 | 1B8707 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8707 <u>Rev:</u> I/R <u>Date:</u> 01/18/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |
| Blade – High Pressure Compressor, 8 Stage | E1B6508 | 1B6508 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B6508 <u>Rev:</u> I/R <u>Date:</u> 01/24/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |
| Blade – High Pressure Compressor, 8 Stage | E1B6708 | 1B6708 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B6708 <u>Rev:</u> I/R <u>Date:</u> 01/19/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |



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| Blade – High Pressure Compressor, 9 Stage | E1B8309 | 1B8309 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8309 <u>Rev:</u> I/R <u>Date:</u> 01/24/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |
| Blade – High Pressure Compressor, 9 Stage | E1B8409 | 1B8409 | Identity per 14 CFR §21.303, licensing agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, File No. LA 06763, dated 07/15/2021 <u>Dwg No:</u> E1B8409 <u>Rev:</u> I/R <u>Date:</u> 01/24/2018, or later FAA approved revisions | Pratt & Whitney | PW2037; PW2037D; PW2037M; PW2040; PW2040D; PW2043; PW2143; PW2643; F117-PW-100 |

-----**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.



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(for) John P. Rigg
Aviation Safety
Manager, Phoenix
MIDO Section