



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 85297-0614 USA**

**PMA NO: PQ2203NM
SUPPLEMENT NO: 68
DATE: January 12, 2023**

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Blade – HPC 10 Stage	E1B6510	1B6510	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6510 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 11 Stage	E1B6111-01	1B6111-01	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6111 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 11 Stage	E1B6111-02	1B6111-02	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6111 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100



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Blade – HPC 11 Stage	E1B6111-03	1B6111-03	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6111 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 11 Stage	E1B6111-04	1B6111-04	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6111 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 13 Stage	E1B6113-01	1B6113-01	<p>Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022.</p> <p><u>Dwg No:</u> E1B6113 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions</p>	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100



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Blade – HPC 13 Stage	E1B6113-02	1B6113-02	Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022. <u>Dwg No:</u> E1B6113 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 13 Stage	E1B6113-03	1B6113-03	Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division. Letter of Assist dated 12/22/2022. <u>Dwg No:</u> E1B6113 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100
Blade – HPC 13 Stage	E1B6113-04	1B6113-04	Identity per 14 CFR §21.303, license agreement between EXTEX Engineered Products Inc. and Raytheon Technologies Corporation, Pratt & Whitney Division, Letter of Assist (LOA) dated 12/22/2022. <u>Dwg No:</u> E1B6113 <u>Rev:</u> IR <u>Date:</u> 11/09/2021, or later FAA approved revisions	Pratt & Whitney	PW2037, PW2037M, PW2037D, PW2040, PW2040D, PW2043, PW2143, PW2643, F117-PW-100



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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, Phoenix MIDO Section
West MIO Branch
System Oversight Division
Aircraft Certification Service