



PRODUCT RELEASE

*PMA Aeroparts P/N 3058293-01AP, Thermocouple
FAA Approved Replacement for
Pratt & Whitney 3058293-01*



PMA Aeroparts announces the release of our latest FAA approved PMA product, Thermocouple, P/N 3058293-01AP. This product is an approved replacement for the OEM P/N 3058293-01. This Thermocouple is used on Pratt & Whitney PW 118/118A/118B, 120/120A, 121/121A, 123/123B/123C/123D/123E, 123AF, 124B, 125B, 126/126A, 127/127B/127C/127D/127E/127F/127G/127H/127J engines.

PMA Aeroparts Thermocouple incorporates several improvements over the OEM. These Improvements are detailed in the table below:

Original OEM Issue	Design improvement
Precision of the thermocouple	Use of thermocouple with accuracy to .1%, 10X more accurate than the OEM
Weld integrity	Incorporated orbital electron beam welds, resulting in a more precise and effective weld.
Corrosion	Manufactured the cap with 316 Stainless Steel as opposed to 304 which was used in the OEM. The higher content of Chromium in the 316 allows for greater corrosion resistance.



This PMA was granted on the basis of Test and Computation per 14 CFR 21.303 and is considered a non-critical part.

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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PMA NO. PQ04309CE
SUPPLEMENT NO. 6
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Table with 6 columns: Article Name, Article Number, Approved Replacement for Article Number, Approval Basis and Approved Design Data, Make/TCH Eligibility, Model/Series Eligibility. Row 1: Thermo couple, 3058293-01AP, 3058293-01, Test & Computation per 14 CFR 21.303...

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GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
2) The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

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