

**Int. Cl.: 7**

**Prior U.S. Cls.: 13, 19, 21, 23, 31, 34 and 35**

**Reg. No. 3,569,513**

**United States Patent and Trademark Office**

**Registered Feb. 3, 2009**

**TRADEMARK  
PRINCIPAL REGISTER**

**TEMPEST**

AERO ACCESSORIES, INC. (NORTH CAROLINA  
CORPORATION)  
1240 SPRINGWOOD AVENUE  
GIBSONVILLE, NC 27249

FOR: AIRCRAFT ENGINE PARTS, NAMELY, AIR  
PUMPS, FUEL PUMPS, CARBURETORS, CHECK  
VALVE MANIFOLDS, VACUUM SWITCH MANI-  
FOLDS, IGNITION SOURCES, IGNITION WIRES,  
AIR FILTERS, AND OIL FILTERS, IN CLASS 7 (U.S.  
CLS. 13, 19, 21, 23, 31, 34 AND 35).

FIRST USE 1-1-2001; IN COMMERCE 1-1-2001.

THE MARK CONSISTS OF STANDARD CHAR-  
ACTERS WITHOUT CLAIM TO ANY PARTICULAR  
FONT, STYLE, SIZE, OR COLOR.

SER. NO. 77-491,874, FILED 6-5-2008.

MARIA-VICTORIA SUAREZ, EXAMINING ATTOR-  
NEY



U.S. Department  
of Transportation

Federal Aviation  
Administration

Small Airplane Directorate  
Atlanta Manufacturing Inspection District Office  
1701 Columbia Ave  
College Park, GA 30337

Date: November 25, 2015

Gary Crawford  
Aero Accessories, Inc.  
1240 Springwood Avenue  
Gibsonville, NC 27249

PMA No. PQ1206CE

**FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL**

Dear Mr. Crawford:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on test and computation submitted by Aero Accessories, Inc., with your letter dated June 15, 2015, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Aero Accessories, Inc., has established the quality system required by § 21.307 at 1240 Springwood Avenue, Gibsonville, NC 27249. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 102.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated July 16, 1987, also apply to the enclosed PMA Listing-Supplement No. 102. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

*FOI*  
Greg Benson  
Manager, Atlanta Manufacturing  
Inspection District Office

Enclosure

PMA Listing-Supplement No. 102

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
 1240 Springwood Church Road  
 Gibsonville, N.C. 27249

PMA No. PQ1206CE  
 SUPPLEMENT NO. 102  
 DATED: November 25, 2015

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Spark Plug	URHM38EL	Allied Signal (Autolite) Part No. SH 260  Champion Part No. RHM38E  Continental Motors Part No. 658565	Test and Computation per 14 CFR § 21.303 Dwg. No. – URHM38EL Rev: O Date: 10/21/2014 or later FAA – approved revisions.	Continental	C145 Series  IO-240 Series  IOF-240-B  O-300 Series  GO-300 Series  IO-346 Series  IO-360-A, C, CB, D, DB, E, ES, G, GB, H, HB, J, K, KB Series  TSIO-360 Series  LTSIO-360 Series  O-470-B, G, H, M, N, P, R, S  O-470-2  IO-470-A, C, G, P, R, T  FSO-470-A  L/IO-470-A
				Avco Lycoming	O-235 Series  IO-320 Series  AIO-320 Series  LIO-320 Series  AEIO-320 Series  O-320 Series  O-340 Series  O-360 Series  IO-360 Series  HO-360 Series  LO-360 Series  AIO-360 Series  HIO-360 Series

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
 1240 Springwood Church Road  
 Gibsonville, N.C. 27249

PMA No. PQ1206CE  
 SUPPLEMENT NO. 102  
 DATED: November 25, 2015

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
	Continuation of URHM38EL				LIO-360 Series AEIO-360 Series LHIO-360 Series O-435-A, C, K Series GO-435-A, C, D Series VO-435-A Series TVO-435-B Series GO-480-B, C, F, G Series GSO-480-A, B Series IGSO-480-A Series O-540 Series IO-540 Series IGO-540-A, B Series IGSO-540-B Series AEIO-540 Series IO-720 Series

-----End of Listing-----

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Aero Accessories, Inc.  
1240 Springwood Church Road  
Gibsonville, N.C. 27249

PMA No. PQ1206CE  
SUPPLEMENT NO. 102  
DATED: November 25, 2015

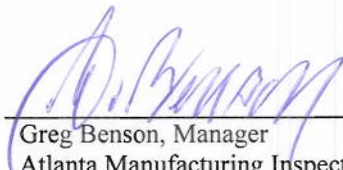
**GENERAL NOTES:**

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA approved ICA 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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Melvin Taylor, Manager  
Atlanta Aircraft Certification Office



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Greg Benson, Manager  
Atlanta Manufacturing Inspection District Office

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

Small Airplane Directorate  
Atlanta Aircraft Certification Office  
1701 Columbia Ave.  
College Park, Georgia 30337

DEC - 2 2015

FAA Correspondence ID #118A-15329-08

Mr. Gary Crawford  
Aero Accessories, Inc.  
1240 Springwood Ave.  
Gibsonville, NC 27249

Dear Mr. Crawford:

This is in response to your letter, dated June 15, 2015, requesting parts manufacturer approval (PMA) on the Aero Accessories, Inc. article below that is eligible on numerous Continental and Lycoming engine series.

FAA Project #	Aero Accessories, Inc. Article Description	Article Number
PM150061AT-E	Spark Plug (Installation Nut Redesign)	P/N URHM38EL

We have reviewed the drawings and data submitted in support of the aforementioned project number and find that the design complies with all the applicable airworthiness requirements of the product on which the article is to be installed.

We noted design approval on the PMA supplement by endorsement. Note that this is a notification letter only and does not constitute production approval. We sent the PMA supplement with your application to:

Atlanta Manufacturing Inspection District Office (MIDO)  
107 Charles W. Grant Pkwy, Suite 131  
Hapeville, GA 30354  
Phone: (404)-474-5700  
Fax: (404)-474-5707

The Atlanta MIDO will grant production approval after validating your Quality System. The FAA-PMA letter and PMA Supplement from the Atlanta MIDO documents that approval. Minor Design changes must be submitted to the Atlanta ACO at regular intervals not to exceed six months.

Major design changes to an article produced under a PMA require a new PMA application and approval.

We concur with your determination that installation of your PMA'd articles do not require supplemental instructions for continued airworthiness (ICA). If you have further questions, feel free to contact Mr. Ron Segall by email at [Ronald.Segall@faa.gov](mailto:Ronald.Segall@faa.gov) or by phone at (404) 474-5541.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melvin D. Taylor', with the word 'FOR' written in smaller letters to the right of the signature.

Melvin D. Taylor, Manager  
Atlanta Aircraft Certification Office

cc: Atlanta MIDO