



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

Aircraft Certification Service  
Compliance & Airworthiness Division

Atlanta ACO Branch  
1701 Columbia Ave.  
College Park, Georgia 30337

September 23, 2022

In reply, refer to FAA Correspondence #: **7A3-22-00099**

Marcus Polito  
PMA Design and Manufacturing  
8493 Baymeadows Way  
Jacksonville, FL 32256

Dear Mr. Polito:

Subject: TSOA Application for Main Wheel Assembly, STC040-21101[]

This is in reply to your letter of June 13, 2022 requesting TSO authorization for your Main Wheel Assembly. We accept your statement certifying that your article meets the requirements of the TSO-C26d and that you meet the requirements of Title 14 of the Code of Federal Regulations (14 CFR) part 21, subpart O.

Effective this date, we authorize you to identify the following Main Wheel Assembly with the marking requirements defined in 14 CFR 21.616(d) and in TSO-C26d.

**Part Number**  
STC040-21101[]

**Main Wheel Assembly Description**  
Main Wheel and Brake Assembly

We consider your quality system, as defined in your quality control manual, PDM-100 Rev 7.6 dated June 15, 2020 satisfactory for production of this article at your 8493 Baymeadows Way, Jacksonville, FL 32256 facility. PMA Design and Manufacturing must furnish the following statement to the original owner or installer of each article (or multiple articles if furnished to one source):

The conditions and tests required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions. TSO articles and any accepted integrated non-TSO functions must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

This TSO authorization, issued pursuant to 14 CFR 21.611, is effective until surrendered, withdrawn or otherwise terminated under the provisions of 14 CFR 21.613. With notice, we may withdraw this TSO authorization if articles are not in compliance with the applicable TSO performance standard pursuant to 14 CFR 21.2.

You must provide one copy or online access to data listed as a furnished data requirement in the TSO to the original owner/installer of each article or multiple articles if furnished to one source (e.g., an operator, type certificate holder, or repair station).

You must obtain FAA approval before making any changes to the location of your manufacturing facilities pursuant to 14 CFR 21.609(b).

Without further FAA approval, we do not allow a manufacture to mark articles after it changes its company name, address, or ownership. You must notify the ACO and MIDO of name, address, or proposed ownership changes.

Pursuant to 14 CFR 21.614, a holder of a TSOA may not transfer it. If you wish to transfer it, you must request a transfer from the FAA.

Send to the office below any design change(s) for this TSO article as outlined in 14 CFR 21.619(a). You must notify us of minor design changes within six months.

Also as recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c). The report should be communicated initially by telephone to the Manager, Atlanta ACO Branch, telephone number 404-474-5500, within 24 hours after it has been determined that the failure has occurred. In addition, written notification to the Certification Office, at [9-ASO-ATLCOS-Reporting@faa.gov](mailto:9-ASO-ATLCOS-Reporting@faa.gov) is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details.

Please note that technical data the FAA retains may be subject to Freedom of Information Act (FOIA) requests. This office will notify you of any requests(s) pertaining to your data and give you the opportunity to protect the data from public disclosure.

If you have any questions regarding this authorization, contact the engineer for your program via e-mail at [vu.h.tran@faa.gov](mailto:vu.h.tran@faa.gov) or the program management specialist Cherice Clarke, telephone number, 404-474-5537 and e-mail address [cherice.k.clarke@faa.gov](mailto:cherice.k.clarke@faa.gov).

Sincerely,

**MITCH P**  
**HUFFMAN**  
Digitally signed by  
MITCH P HUFFMAN  
Date: 2022.09.23  
06:19:17 -04'00'

*for* Darby Mirocha  
Manager, Systems and Equipment Section  
Atlanta ACO Branch  
Compliance and Airworthiness Division  
Aircraft Certification Service