



**Parker Hannifin Corporation**  
 Aircraft Wheel & Brake  
 1160 Center Road  
 Avon, Ohio 44011 USA  
 1-800-BRAKING (272-5464)  
 440-937-1213 • FAX 440-937-5409

# SERVICE BULLETIN

## AVAILABILITY OF TIRE CHANGE COUNTER FOR PART NUMBER 40-478 WHEEL ASSEMBLY

### 1. PLANNING INFORMATION

#### A. APPLICABILITY

This service bulletin is applicable to the Parker Hannifin part number (PN) 40-478 wheel assembly used on the following aircraft:

Pilatus Aircraft Ltd model PC-24.

#### B. REASON

To provide tire change count capability for the 40-478 wheel assembly.

#### C. DESCRIPTION

This document provides the necessary instructions to install the tire change counter hardware on the 40-478 wheel assembly. Replacement parts may be procured under Kit PN 199-287 from Parker Hannifin distributors or from Pilatus Aircraft Ltd.

#### D. COMPLIANCE

Optional. At next tire change.

#### E. APPROVAL

This service bulletin is approved for support of an FAA TSO-C26d product.

#### F. MANPOWER

Unknown.

#### G. TOOLING

No additional special tooling is required.

#### H. WEIGHT AND BALANCE

Negligible.

#### I. REFERENCES

CM40-478 ..... Component Maintenance Publication, Main Wheel Assembly, Parker Hannifin Part No. 40-478

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### J. OTHER PUBLICATIONS AFFECTED

CM40-478.....Component Maintenance Publication, Main Wheel Assembly,  
Parker Hannifin Part No. 40-478  
AWBPC0001 .....Product Catalog

### K. PREVIOUS MODIFICATIONS

None.

## 2. ACCOMPLISHMENT INSTRUCTIONS

### A. Install the tire change counter

(1) Refer to Component Maintenance Publication CM40-478, revision E or later, for installation instructions.

## 3. MATERIAL INFORMATION

### A. MATERIAL-REQUIREMENTS

Parker Hannifin Kit 199-287 will service one 40-478 wheel assembly and includes the following:

<u>Parker Hannifin PN</u>	<u>Description</u>	<u>Quantity</u>
139-05000	Tire change counter	1
101-50234	Preformed packing	1
166-19700	Nameplate	1

Consumable products (not provided in 199-287):

- Mobil Aviation Grease SHC 100 wheel bearing grease

Contact Parker Hannifin for replacement hardware availability.

Parker Hannifin Corporation  
Aircraft Wheel & Brake Division  
Technical Service Hotline: 1-800-BRAKING  
Customer Support Fax: 440-937-5409  
E-mail: clevelandwbhelp@parker.com

### B. LIST OF COMPONENTS

<b>New part number</b>	<b>Name</b>	<b>Qty</b>	<b>Old part number</b>	<b>Qty</b>	<b>Operation</b>
139-05000	Tire change counter	1	Not applicable	N/A	Add
101-50234	Preformed packing	1	Not applicable	N/A	Add
166-19700	Nameplate	1	166-19700	1	Replace

### C. INTERCHANGEABILITY

None.

### D. PARTS DISPOSITION

Not applicable.