

Aircraft Wheel & Brake Parker Hannifin Corporation 1160 Center Road Avon, Ohio 44011 This document and the information it contains is confidential and proprietary to Parker Hannifin Corporation and its affiliates ("Parker"), may not be copied or disclosed to others or used for any purpose other than conducting business with Parker, and must be returned or destroyed and all further use discontinued at Parker's request. The recipient of this document is advised that improper selection or improper use of Parker systems or components can cause death, personal injury and property damage, and is solely responsible through its own analysis and testing for the final selection of Parker system and components and assuring that all performance endurance, maintenance, safety and warning requirements of the intended application are met. Copyright Parker. Year of copyright is the year(s) indicated on this document. All rights reserved.

PARTS LIST <u>* WHEEL & BRAKE SHIP SET</u> <u>ORDER CODE: 199-07100</u> <u>FOR GENERAL USAGE</u>

<u>PART NUMBER</u> 30-60A 40-60	<u>DESCRIPTION</u> Main Brake Assembly (FAA Approved per TSO C26b) Main Wheel Assembly (FAA Approved per TSO C26b)	QUANTITY 2 2
	Publication Package (P/N PP199-07100) Consists of the following	
199-07100 P/L	Parts List for Order Code: 199-07100 (This Document)	1
20-119	Wheel & Brake Drawing	1
30-60A	Brake Drawing	1
40-60	Wheel Drawing	1
50-43	Installation Drawing	1
IM199-71	Installation Manual	1
	40-60/30-60 TSO Documentation Package	1
PRM13A	Conditioning Procedure for Non-Asbestos Organic Brake Lining	1

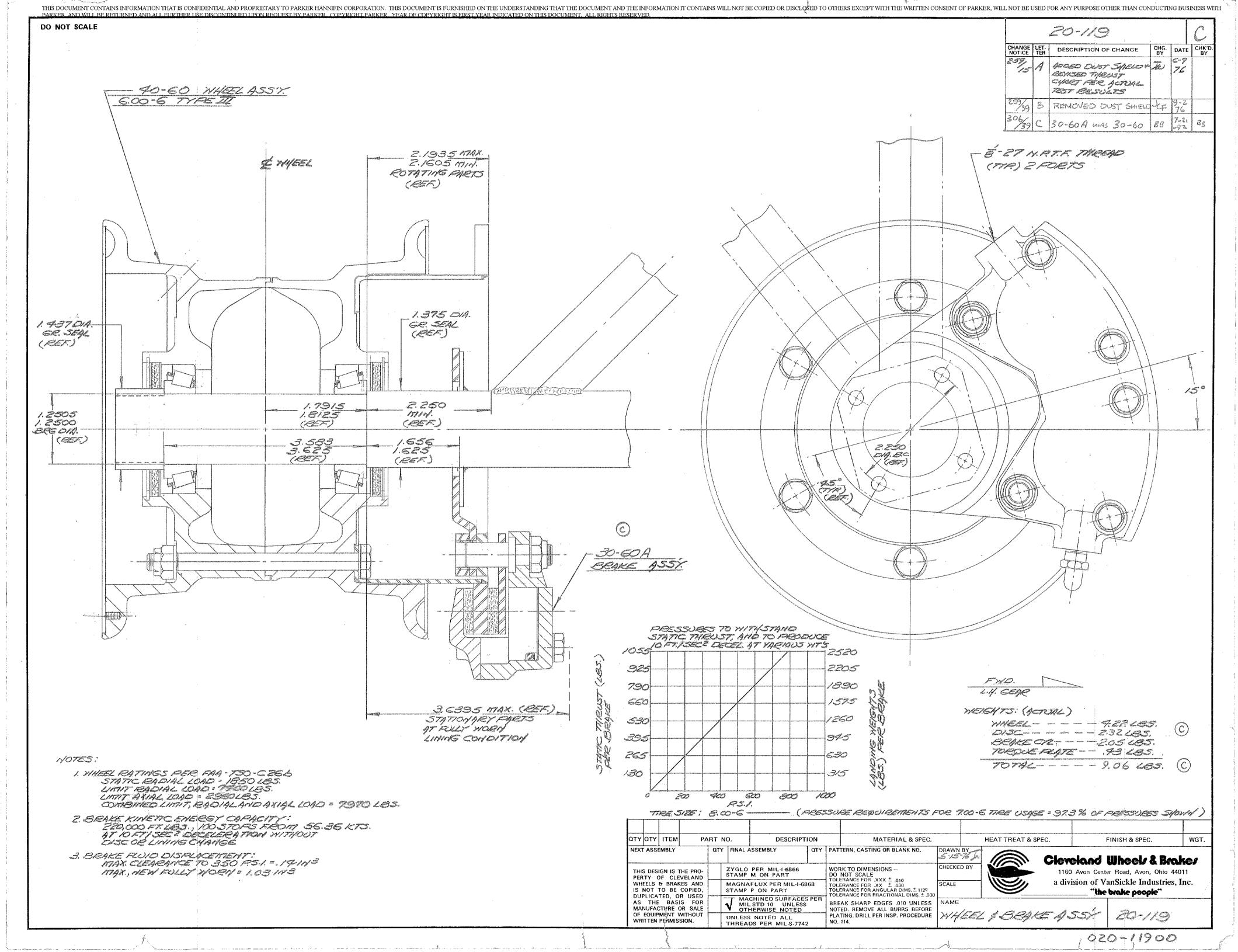
* This Wheel & Brake Ship Set can be used to convert one Piper Cub to use Cleveland Wheels and Brakes. Installation approval must be obtained by the end user via FAA Form 337. Pertinent drawings for this installation, plus TSO Documentation for the 40-60/30-60 Series Main Wheel & Brake are included as aids for the installation approval process.

NOTES:

- The Cleveland Wheels & Brakes as listed are FAA TSO-C26b approved, quantities are furnished in pairs for replacement of existing equipment on FAA Type Certificated Aircraft (Original Equipment TC Approved or per TC holder Service Bulletin) or initial installation on an experimental non FAA Type Certificated Aircraft.
- 2. Note! For a product to be TSO qualified, it has to have successfully demonstrated its ability to meet minimum performance standards in accordance with FAA recognized rating methods. The TSO approval of a product does not constitute installation approval or applicability on an FAA Type Certificated Aircraft. It is the responsibility of those installing these products to determine that the aircraft installation and its wheel and brake performance requirements are compatible for the TSO ratings of the wheel and brake. TSO approved products must have separate approval for installation in a FAA type certificated aircraft. TSO Approved Products may be installed only if performed under Title 14 CFR Part 43 or the applicable airworthiness requirements.
- 3. Be advised that number "199-07100" is an Order Code Number only, to identify the grouping of a pre-packaged ship set of TSO Approved wheels and brakes for customer ordering and shipping convenience. At time of installation of parts contained within, the installer is to refer only to the Part Number of each listed wheel and brake assembly to indicate what parts have been installed on the aircraft. Do not refer to the 199-07100 order code number for installation purposes, as it is not an FAA recognized part number.
- Rev. Rev. Rev. Rev. Rev. NC Order Code Number 199-07100 P/L ш C D ω ⊳ 09-05-2012 (0013616 07-21-1992 (0306-39 08-19-1976 08-08-2006 (0370-77) 10-24-2018 (0096931 2-23-1987 (287-22)

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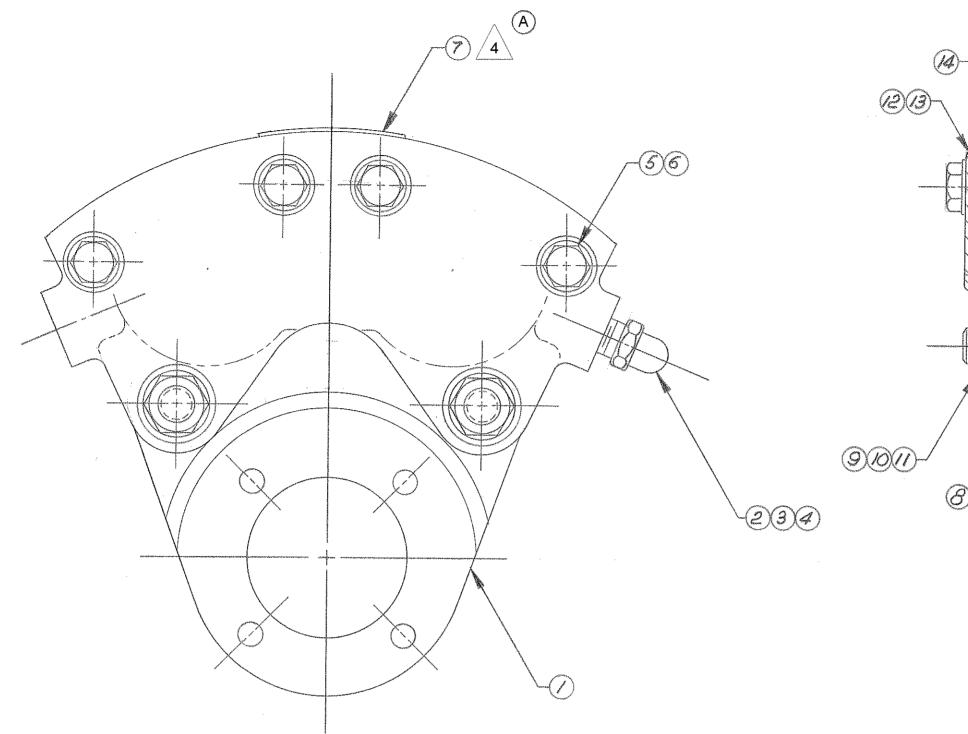
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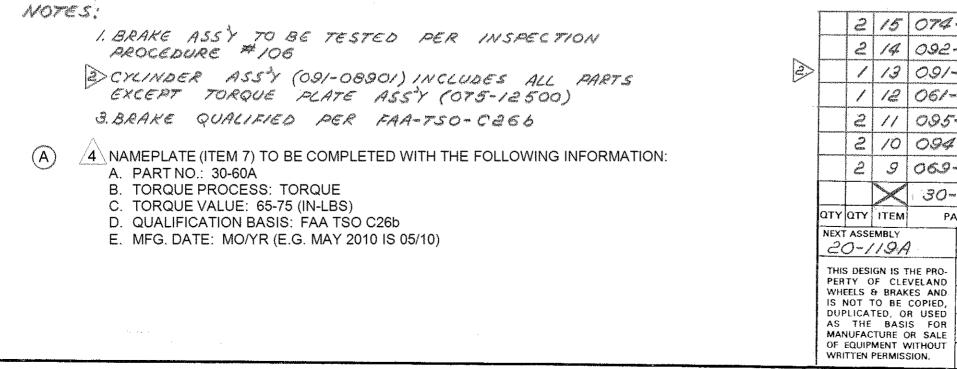


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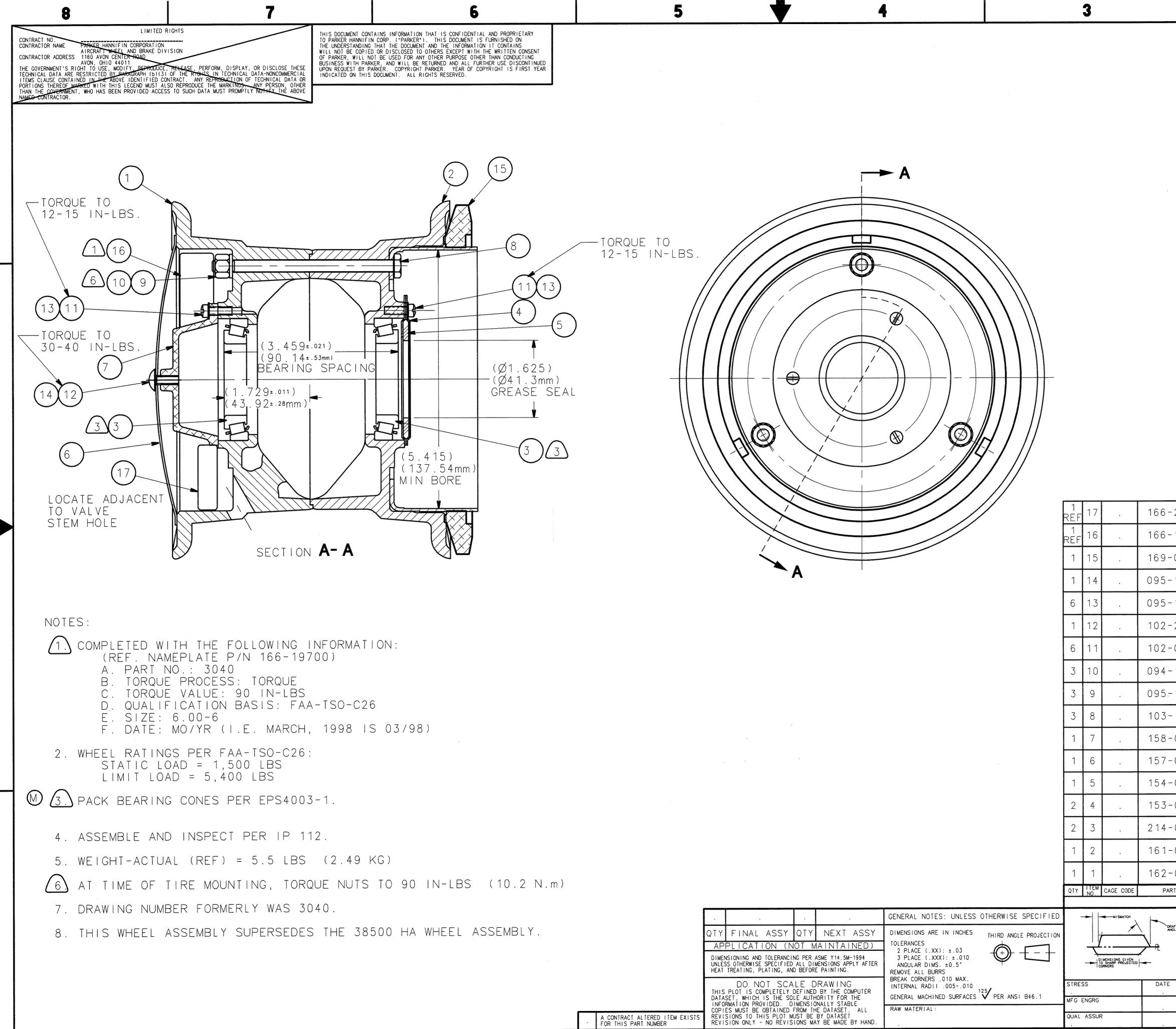
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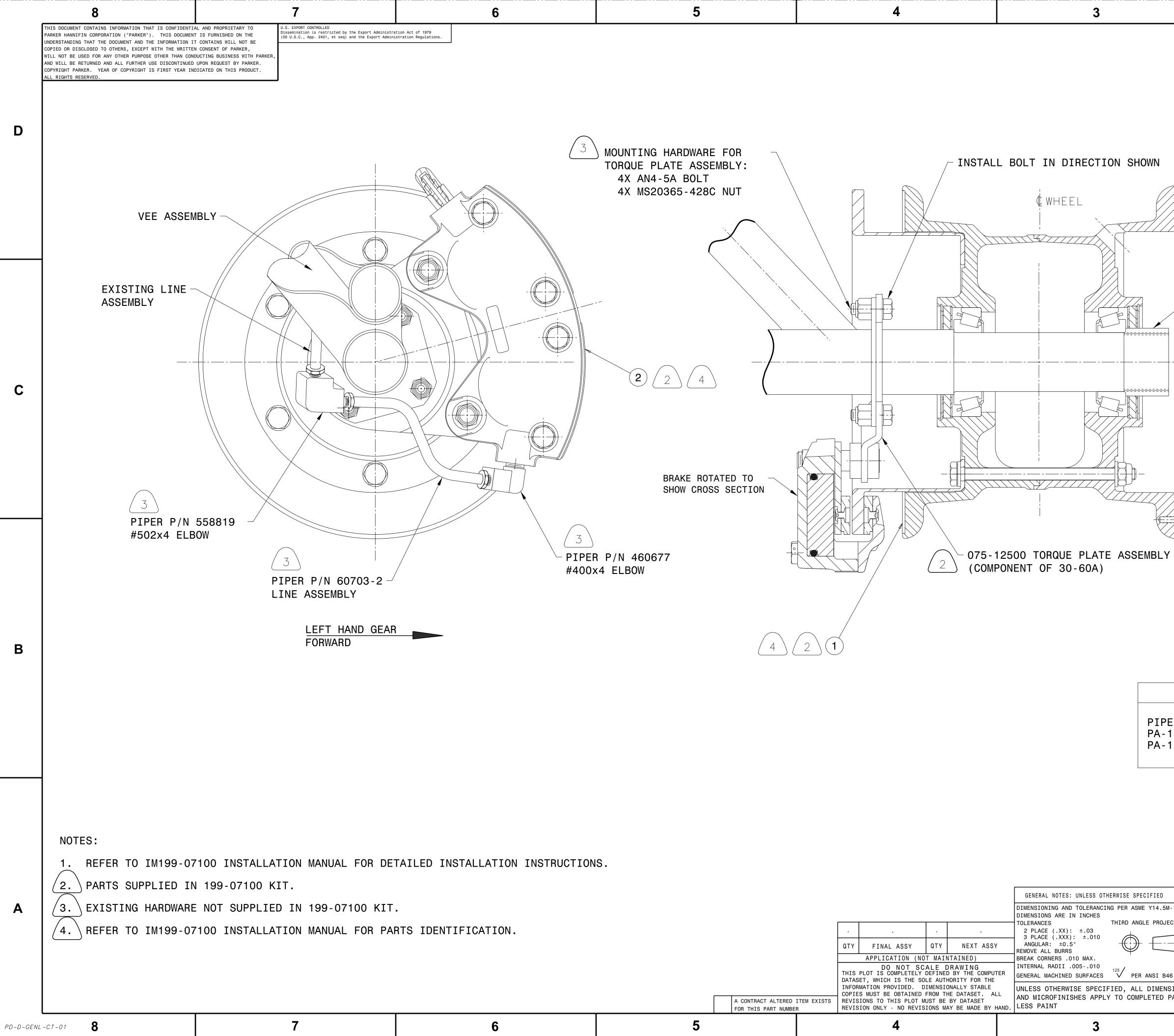
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Wheels & Brakes

Parker Hannifin Corporation Aircraft Wheel & Brake 1160 Center Road Avon, Ohio 44011 USA 1-800-BRAKING (272-5464) 216-937-1272 • FAX 216-937-5409

PRODUCT REFERENCE MEMO

CONDITIONING PROCEDURE FOR NON ASBESTOS ORGANIC BRAKE LINING

The brake lining material used in this brake assembly is a non asbestos organic composition. This material must be properly conditioned in order to provide maximum performance and service life.

Conditioning may be accomplished as follows:

- Taxi aircraft for 1500 feet with engine at 1700 rpm applying brake pedal force as needed to develop a 5 -10 mph taxi speed.
- Allow brakes to cool for 10 15 minutes.
- Apply brakes and check to see if a high throttle static run up may be held with normal pedal force. If so, conditioning is completed.
- 4. If static run up cannot be held, repeat steps 1 through 3 as needed to successfully hold.

This conditioning procedure will generate sufficient heat to create a thin layer of glazed material at the lining friction surface. Normal brake usage should generate enough heat to maintain the glaze throughout the life of the lining.

Light brake usage can cause the glaze to wear off, resulting in reduced brake performance. In such cases, the lining may be conditioned again following the instructions set forth in this PRM.

