

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

Aircraft Wheel & Brake

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# PRODUCT REFERENCE MEMO

## 40-279/30-210 WHEEL & BRAKE - BRAKE DISC / PRESSURE PLATE - SUPERCEDED

**EFFECTIVITY:** All Parker Hannifin P/N 40-279 Wheel Assemblies equipped with P/N 164-23000 Brake Discs and P/N 30-210 Brake Assemblies equipped with P/N 063-05800 Pressure Plates.

**APPLICABILITY:** All Air Tractor Model 802 aircraft and Ayres Thrush aircraft utilizing the above part numbers.

**PURPOSE:** To inform Owner/Operators of Air Tractor Model 802 aircraft and Ayres Thrush aircraft that P/N 164-23000 used on Wheel Assembly P/N 40-279 and P/N 063-05800 Pressure Plate used on Brake Assembly P/N 30-210 are being obsoleted for use on those assemblies. New P/N's 164-23001 and 063-05801 supersede those part numbers respectively and shall be used for future procurement of spare parts. These changes are being made as a product improvement to alleviate reported cases of brake disc to cylinder housing interference and pressure plate to gear leg interference on Air Tractor Model 802 aircraft.

**COMPLIANCE:** Optional. Recommended if interference is noted.

**APPROVAL:** The design contents of this Product Reference Memo are FAA DER approved.

**WEIGHT AND BALANCE:** No Change.

**PUBLICATIONS:** The information contained in this Product Reference Memo (PRM66) is to be incorporated into the Product Catalog and Maintenance Manual at the next revision of each. Air Tractor will revise their Aircraft Maintenance Manual accordingly.



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## MATERIALS REQUIRED:

Two (2) each Brake Discs, P/N 164-23001 are used on each aircraft. Four (4) each Pressure Plates, P/N 063-05801 are used on each aircraft.

## PROCEDURE:

Note: All maintenance is to be done per Aircraft Maintenance Manual.

1. Upon receipt of this Memo, inspect the O.D. of existing Brake Disc P/N 164-23000 on P/N 40-279 Wheel Assembly for evidence of scoring or interference with Cylinder Housing on Brake Assembly P/N 30-210. If evidence of interference is noted, replace Brake Disc with new Brake Disc P/N 164-23001.
2. At next lining change, verify that the Brake Cylinder Assembly, P/N 091-19200 can be engaged into the mounted P/N 075-18500 Torque Plate Assembly without the removal of the P/N 073-09200 Pressure Plate Assembly. If the P/N 063-05800 Pressure Plate (plate which 4 lining segments are riveted to) interferes with the Gear Leg of the aircraft, new P/N 063-05801 Pressure Plate can be utilized to alleviate this interference problem.

Note: Pressure Plate Assembly, P/N 073-09201 can be ordered which includes new Pressure Plate P/N 063-05801 with lining segments P/N 066-13100 already installed.

3. Make appropriate log book entry reflecting compliance to this PRM and return the aircraft to service.