

Cleveland

Wheels & Brakes

Parker Hannifin Corporation

Aircraft Wheel & Brake

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PRODUCT REFERENCE MEMO

HEAT CHECKS IN 164-04400 (754 574) BRAKE DISC ASSEMBLY USED IN THE 40-102A WHEEL ASSEMBLY

PURPOSE: To advise Piper Navajo Aircraft owners who have Cleveland wheel and brake assemblies 40-102A and 30-68A or 30-68B on their aircraft, that heat checks may develop on the wearing surfaces of the brake disc, P/N 164-04400, Piper part number 754 574.

INSPECTION

PROCEDURE: At each periodic maintenance inspection, visually inspect both wearing surfaces of the brake disc for heat checks.

ACCEPTANCE: Heat checks are considered to be superficial surface cracks and are not detrimental to the integrity or performance of the braking system.

REJECTION:

1. Replace brake disc if crack length exceeds .900 inch, or crack depth exceeds .230 inch.
2. If crack depth is not measurable, replace disc if crack length exceeds .450 inch.
3. ANY CRACK, REGARDLESS OF LENGTH AND/OR DEPTH, EXTENDING INTO THE WELDED SEAM BETWEEN THE FLANGE AND CUP, IS CAUSE FOR IMMEDIATE REPLACEMENT.