

Cleveland

Wheels & Brakes

Parker Hannifin Corporation

Aircraft Wheel & Brake

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PRODUCT REFERENCE MEMO

HEAT CHECKS IN 164-04600 BRAKE DISC ASSEMBLY USED IN THE 40-120 WHEEL ASSEMBLY

PURPOSE: To advise Piper Aircraft owners who have Cleveland wheel and brake assemblies 40-120 and 30-83 on their aircraft, that heat checks may develop on the wearing surfaces of the brake disc, P/N 164-04600 (Piper P/N 754 614).

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 .800 inches, or crack depth exceeds .210 inches.
2. If crack depth is not measurable, replace disc if crack length exceeds .400 inches.
3. ANY CRACK, REGARDLESS OF LENGTH AND/OR DEPTH, EXTENDING INTO THE WELDED SEAM BETWEEN THE FLANGE AND CUP, IS CAUSE FOR IMMEDIATE REPLACEMENT.