

Cleveland

Wheels & Brakes

Parker Hannifin Corporation

Aircraft Wheel & Brake

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PRODUCT REFERENCE MEMO

HEAT CHECKS IN 164-06400 BRAKE DISC ASSEMBLY USED IN THE 40-135 WHEEL ASSEMBLY

- PURPOSE:** To advise Cessna Aircraft owners who have Cleveland wheel and brake assemblies 40-135 and 30-100 on their aircraft, that heat checks may develop on the wearing surfaces of the brake disc, P/N 164-06400.
- 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 inches, or crack depth exceeds .300 inches.
 2. If crack depth is not measurable, replace disc if crack length exceeds .450 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.