

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

Aircraft Wheel & Brake

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# PRODUCT REFERENCE MEMO

## HEAT CHECKS IN 164-22200 BRAKE DISC USED IN 40-179 WHEEL ASSEMBLY

- PURPOSE:** To advise owners of Cessna 208 aircraft, equipped with Cleveland 40-179/30-182 Wheels and Brakes, that heat checks may develop on the wearing surfaces of the brake disc, P/N 164-22200.
- 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 any one crack has a length greater than .500 inch or a depth greater than .250 inch.
  2. Replace brake disc if more than three (3) cracks, or more than one (1) crack per 90° quadrant, are found in one disc.