

The Piper logo consists of the word "PIPER" in a bold, sans-serif font, enclosed within a dark, rounded rectangular border. The logo is positioned in the upper left corner of the document.

**Customer Services**

Piper Aircraft Corporation

# SERVICE LETTER

**No. 613**

Lock Haven, Pennsylvania, U.S.A.

May 11, 1972

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Subject: Cleveland Aircraft Products Service Bulletin ESB7002;  
Aztec Heavy Duty Brake Disc Inspection

Models Affected: PA-23-250 (Six Place) and PA-E23-250 (Six Place) Aztec

Serial Numbers Affected:

- I. All subject model aircraft identified in Items A and B, below that have complied with Piper Service Letter No. 579, dated May 26, 1971:
  - A. 27-2505 to 27-3737 incl. with Heavy Duty Wheel and Brake Conversion Kit (Piper part number 757 164) installed and
  - B. 27-3738 to 27-4677 incl., 27-4680, 27-4682 and 27-4683.
- II. 27-4678, 27-4679, 27-4681, 27-4684 and up.

Compliance Time: Reference attached copy of Cleveland Aircraft Products Service Bulletin ESB7002, II. Inspection Procedure.

Purpose: Refer to attached copy of Cleveland Aircraft Products Service Bulletin ESB7002, I. Purpose.

Instructions: Refer to attached copy of Cleveland Aircraft Products Service Bulletin ESB7002 Inspection Procedure, Acceptance, and Rejection sections (Nos. II, III and IV, respectively).

Material Required: One (1) each (per main wheel assembly) Piper part number 760 538, Main Wheel Conversion (i.e., 164-32F disc replacement), if required as a result of the IV. Rejection section of the attached copy of Cleveland Service Bulletin ESB7002.

Availability of Parts: Your Piper Dealer.

Effectivity Date: This Service Letter is effective May 22, 1972.

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# Cleveland WHEELS & BRAKES

*Cleveland Aircraft* PRODUCTS  
VAN SICKLE INDUSTRIES INC.

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Effective Date: 2-19-72

## SERVICE BULLETIN NO. ESB7002

SUBJECT: Heat Checks in Piper Aztec Brake Disc, Part Number 164-32F

### I. Purpose:

To advise Aztec owners that small heat checks on the wearing surface of the brake disc, P/N 164-32F, can be expected to develop during normal service operations. The 164-32F brake disc is part of the 3080D wheel assembly.

### II. Inspection Procedure:

At each periodic maintenance inspection, visually inspect both wearing surfaces of brake disc, P/N 164-32F, for heat checks or cracks.

### III. Acceptance:

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

### IV. Rejection:

Replace brake disc if crack length exceeds .800 inch or crack depth exceeds .340 inch.

If crack depth is not measurable, replace brake disc if crack length exceeds .400 inch.