



**RBD INSPECTION LIMITS  
FIGURE 1.**

(1) If you find a crack through the entire RBD thickness as shown in Figure 1, View A, replace the RBD with an airworthy RBD, other than P/N 76363-09103-104, before further flight.

(2) If you find two or more surface cracks between adjacent boltholes as shown in Figure 1, View B, replace the RBD with an airworthy RBD, other than P/N 76363-09103-104, before further flight.

(3) If you find a surface crack or surface cracks separated by the boltholes as shown in Figure 1, View C, replace the RBD with an airworthy RBD, other than P/N 76363-09103-104, or deactivate the RBD before further flight.

**Note 3:** Short "glazing" cracks are not a cause for rejection.

**Note 4:** PHC Component Maintenance Manual with Illustrated Parts List PH030-21300MM, Rotor Brake Assembly, P/N 030-21300, Revision C, dated November 1, 2002, pertains to the subject of this AD.

(c) Replace PHC RBD, P/N 76363-09103-104, with an airworthy RBD on or before May 31, 2003, or within 60 days after the effective date of this AD, whichever occurs later. Any replacement RBD, P/N 76363-09103-104, is not airworthy.

(d) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Boston Aircraft Certification Office, FAA. Operators shall submit their requests through an FAA Principal Maintenance Inspector, who may concur or comment and then send it to the Manager, Boston Aircraft Certification Office.

**Note 5:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Boston Aircraft Certification Office.

(e) Special flight permits will not be issued.

(f) This amendment becomes effective on February 27, 2003.

Issued in Fort Worth, Texas, on February 14, 2003.

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