

UNAPPROVED PARTS NOTIFICATION

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20
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U.S. Department
of Transportation
**Federal Aviation
Administration**

No. 2004-00051
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Mailed by: FAA, AIR-140, P.O. Box 26460, Oklahoma City, OK 73125

AFFECTED PRODUCTS

Bendix central air data computers (CADC), part number 1903925-X, possibly installed in Boeing 747-100, 747-200, and 747-SP aircraft.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors regarding unapproved hose clamps installed in CADCs.

BACKGROUND

Information received during a Federal Aviation Administration (FAA) suspected unapproved parts investigation revealed that improper maintenance was performed on Bendix CADCs. Evidence indicated that tie-wraps (also known as zip-ties), instead of the required clamps, were used to secure internal pneumatic hoses.

The current manufacturer addressed the unapproved hose clamps in Honeywell Service Bulletin (SB) 1903925-SB8, which was issued May 5, 2004. The SB provides the following information regarding the correct hose clamps:

Approved clamps are made of spring steel and painted black. They look like Figure 1.



Figure 1

RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors should inspect their aircraft, aircraft records, and/or parts inventories for the above-referenced CADCs. If a CADC (part number 1903925-X) has been installed in an aircraft without compliance with SB 1903925-SB8, contact the FAA Flight Standards District Office (FSDO) listed below for guidance.

FURTHER INFORMATION

Further information concerning this investigation, and guidance regarding the above-referenced parts, can be obtained from the FAA FSDO given below. The FAA would appreciate any information

regarding the discovery of the hose clamps, the means used to identify the source, and the actions taken to remove the parts from service. This notice originated from the Portland Flight Standards District Office, 1800 NE 25th Ave., Suite 15, Hillsboro, OR 97124, telephone (503) 681-5500, fax (503) 681-5555; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 668-3720, fax (703) 481-3002.