

UNAPPROVED PARTS NOTIFICATION



U.S. Department
of Transportation
**Federal Aviation
Administration**

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20
45005 AVIATION DRIVE, SUITE 214
DULLES, VA 20166-7541

*UPNs are posted on the internet at <http://www.faa.gov/avr/sups.htm>
(search words "unapproved" "parts")*

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AFFECTED AIRCRAFT

DeHavilland DHC-6 Aircraft, Series 100/200/300.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, maintenance organizations, and parts suppliers and distributors regarding hydraulic pump and motor assemblies applicable to the above-referenced aircraft that have been overhauled without using data approved by the Federal Aviation Administration (FAA).

BACKGROUND

Information received during a FAA suspected unapproved parts investigation revealed that prior to March 1999, Avitech Engineering Corporation (Avitech), 21300 Cloud Way, Hayward, CA 94545, overhauled and approved for return to service various hydraulic pump and motor assemblies without using technical data approved by the FAA.

Hydraulic pump and motor assemblies overhauled by Avitech include the following:

Great Lakes:

- Part No. 100-689-4 Hydraulic pump and motor assembly
- Part No. 4100-689-4 Hydraulic pump and motor assembly
- Part No. 100-689-3 Hydraulic pump and motor assembly

AC Delco:

- Part No. A9375 motor (of any of the above hydraulic pump and motor assemblies)

Delaval Turbine:

- Part No. 4217-544000 motor (of any of the above hydraulic pump and motor assemblies)

RECOMMENDATION

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, maintenance organizations, and parts suppliers and distributors should inspect their aircraft, aircraft records, and/or aircraft parts inventories for any above-referenced hydraulic pump and motor assembly overhauled prior to March 1999 by Avitech. If any referenced pumps and motor assemblies are installed on aircraft, appropriate action should be taken. If any of the pump and motor assemblies are found in existing stock, it is recommended that the parts be quarantined to prevent installation until a determination can be made regarding each assembly's eligibility for installation.

FURTHER INFORMATION

Further information may be obtained from the FAA Flight Standards District Office (FSDO) given below. The FAA would appreciate any information concerning the discovery of the above-referenced unapproved parts from any source, the means used to identify the source, and the action taken to remove the parts from service.

This notice originated from the Oakland FSDO, 8517 Earhart Road, Suite 100, Oakland, CA 94621-4500, telephone (510) 273-7155, fax (510) 632-4773; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 661-0581, fax (703) 661-0113.