

Tempest Vacuum Pumps

AWB 37-001 **Issue :** 1
Date : 15 December 2005

1. Applicability

Vacuum pumps manufactured by Aero Accessories, Inc. and Airborne pumps overhauled by Aero Accessories, Inc.

2. Purpose

To alert operators and maintainers to the existence of defective batches of vacuum pumps.

3. Background

An investigation has been carried out in conjunction with the Federal Aviation Administration, into defect reports describing an unusually high number of vacuum pump failures. It was found that the affected pumps may not have been manufactured or overhauled in conformance with acceptable standards, which makes them prone to premature failure.

Tempest has issued a mandatory Service Bulletin Number SB-003 dated 14th September 2005 which requires the replacement of affected pumps within 10 hours time in service or 60 days from the date of issue.

4. Recommendation

It is strongly advised that the following pumps are removed from service:

Airborne pumps, overhauled by Aero Accessories, Inc.: P/N 216CW with Serial S/N 36735 through 40087 except 38465, 38506, 38510, 38512, 38513, 38514, 38516, 38517, 39509. S/N 39965 through 39972 and S/N 40003 through 40020; or,

Airborne pumps manufactured by Aero Accessories, Inc.: P/N AA3216CW; S/N N31670, through N34175 except serial number N33994,

5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address: AirworthinessBulletin@casa.gov.au

Or in writing, to:

Manufacturing, Certification and
New Technologies Office,
GPO Box 2005, Canberra, ACT, 2601