

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2010-20090909001

Date: January 12, 2010 (rev 5/21/10)

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS:

Thrust Reverser Actuator Clevis Pins (part number D52B1502-11) intended for use on airplanes equipped with General Electric CF6-80C2 and CF6-80E1 and Guide Assembly (part number 3114M49G01) intended for use on airplanes equipped with General Electric CF6-50, 80A series turbofan engines.

PURPOSE:

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors regarding parts produced without Federal Aviation Administration (FAA) production approval authorization.

BACKGROUND:

The Federal Aviation Administration (FAA) received information during a Suspected Unapproved Parts (SUP) investigation that there are non-conforming Thrust Reverser Actuator Clevis Pins that may be 0.12" minimum oversized. Longer pins can be installed but the excess length will not allow the pin retention clip to seat properly and may cause installation or clearance issues. Additionally, the FAA determined in a subsequent SUP investigation, that distributors at the same address were selling Guide Assemblies that did not meet the data requirements and were made of substandard materials. Further investigation revealed that FAA Form 8130-3 tags originally issued by the manufacturer, Middle River Aircraft Systems (MRAS), to Diversified Transport Inc. and Air Harbor Services have been altered to indicate different quantities than originally sold by MRAS.

RECOMMENDATIONS:

The Code of Federal Regulations (CFRs) require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors are encouraged to inspect their aircraft and/or aircraft parts inventory for the referenced part number. If these pins or guides are found in existing inventory, it is recommended that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

FURTHER INFORMATION:

You can obtain further information concerning this investigation from the FAA Manufacturing Inspection District Office (MIDO) given below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced pins from any source, the means used to identify the source, and the actions taken to remove the parts from inventories.

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This notice originated from the FAA Los Angeles MIDO, 3960 Paramount Blvd., Lakewood, CA 90712, telephone (562) 627-5349, fax (562) 627-5319/5293.