

AWB 01-15 Issue 1 - General Electric (GE) CT7 Gas Turbine Engines

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General Electric (GE) CT7 Gas Turbine Engines

Effectivity

General Electric (GE) CT7 Gas Turbine Engines.

Purpose

The purpose of this AWB is to provide advice to aircraft owners, operators, maintenance and distribution organisations and maintenance personnel regarding the production and sale of suspected unapproved parts, which may be fitted to CT7 Gas Turbine engines.

Background

Information received from the Australian Defence Force indicates the existence of a number of suspected unapproved parts being supplied through a parts broker. The parts involved are General Electric (GE) T700 Gas Turbine Engine Parts. The T700 engine is fitted to Black Hawk and Seahawk Helicopters, however the T700 engine comes from the same family of GE engines as the General Electric CT7 Gas Turbine Engine, which is fitted to civilian aircraft.

The concern is that similar parts may have been supplied to Australian aircraft maintenance facilities, parts distributors and operators.

The parts detected to date range from nuts used on the outside of the engine to internal rotating hardware fitted in the power turbine module. Below is a list of parts that have been found to be suspected unapproved parts.

NUT SELF-LOCKING	NSN 5310-01-102-8856	GE Part No 3031T29
NUT SELF-LOCKING	NSN 5310-00-129-6126	GE Part No R1180
STUD SHOULDERED	NSN 5307-01-099-2481	GE Part No 4041T11P02
STUD SWIRL PLATE	NSN 5307-01-235-7902	GE Part No 4076T45P02
WEIGHT COUNTERBALANCE	NSN 2840-01-143-3372	GE Part No 4069T98P04
TUBE OIL SUMP	NSN 4710-01-089-4109	GE Part No 4041T52P01

Recommendation

Type certificated products are required to conform to their Type Design. Aircraft owners, operators, manufacturers, maintenance and distribution organisations, maintenance personnel should inspect their aircraft, aircraft records and/or parts inventories for the above referenced parts.

Parts which cannot be traced to a recognised source should be considered suspect and quarantined pending confirmation of

authenticity.