
AIRWORTHINESS DIRECTIVE

On the commencement date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below repeals Airworthiness Directive (AD) AD/TPE 331/41 Amdt 2 and issues the following AD under subregulation 39.001 (1) of CASR and subsection 33 (3) of the *Acts Interpretation Act 1901*. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct an unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Honeywell International Turbine Engines - TPE 331 Series

**AD/TPE 331/41
Amdt 3**

Third Stage Turbine Stators

17/2021

Applicability: Honeywell International (formerly AlliedSignal / Garrett/AiResearch) TPE331-1, -2, -2UA, -3U, -3UW, -5, -5A, -5AB, -5B, -6, -6A model engines fitted with third stage turbine stator assemblies Part Number (P/N) 868379-1 or 868379-3.

Requirement:

1. Inspect third stage stator assemblies P/N 868379-1 and 868379-3 in accordance with Honeywell Alert Service Bulletin (ASB) TPE331-A72-559, as in force from time to time, and
2. Re-identify P/N 868379-1 third stage stator assemblies in accordance with Honeywell ASB TPE/TSE331-A72-0384, as in force from time to time.

Note 1: United States of America Federal Aviation Administration (FAA) Airworthiness Directive (AD) 93-05-09 is the basis of this AD.

Note 2: CASA AD/ENG/7 requires third stage turbine stators be replaced at intervals as detailed in the latest issue of Honeywell Service Bulletin TPE/TSE331-72-0019 "Service Life Limits".

Note 3: Where the cycle count of a third stage turbine stator assembly is unknown, the total component hours in service since new shall be multiplied by 1.5 to establish component cycles.

Compliance: At next access to the affected part or within 200 cycles after the commencement date of this AD, whichever occurs first, unless previously accomplished in accordance with a previous issue of this Directive.

This AD commences on 27 August 2021.

Background: This Directive was originally issued to require inspection, re-identification and replacement of certain third stage turbine stator assemblies.

Amendment 1 reduced the life limits for certain stator assemblies.

Amendment 2 deleted from this Directive, the requirement to replace certain stator assemblies. The requirements for removal of third stage stator assemblies are now detailed in CASA AD/ENG/7.

Honeywell International Turbine Engines - TPE 331 Series

AD/TPE 331/41 Amdt 3 (continued)

Amendment 3 of this AD removes obsolete references and makes minor editorial changes to reflect current requirements.



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Delegate of the Civil Aviation Safety Authority

12 August 2021