

AlliedSignal (Lycoming) Turbine Engines - LTS 101 Series

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**AD/LTS/12**

**Cast Material Axial Compressor**

**12/95**

Applicability: All LTS101 series engines

Requirement: Replace Part Numbers (P/N) 4-101-006-20, -21, -24, -26, -35, -36 and -40 cast material axial compressor rotors in accordance with the requirements of AlliedSignal (formerly Textron Lycoming) Service Bulletin (SB) LT 101-72-30-0088 Rev. 5.

*Note: FAA Airworthiness Directive 95-16-04 refers.*

Compliance: As detailed in the Requirement Document with a revised effective date of 9 November 1995.

Background: This Directive has been issued to remove from service certain cast material axial compressor rotors and replace those rotors with a wrought material axial compressor rotor. The requirement follows advice of 36 reports of cast material axial compressor blade failures. Compressor blade failure may result in power loss and an inflight engine shutdown.