

Pratt and Whitney Turbine Engines - JT8D Series

AD/JT8D/17 **Eighth Stage Rear Compressor Front Hub** **9/80**

- Applicability: All JT8D engines fitted with eighth stage rear compressor front hubs P/N 690908, 701308, 717608, 717708 and 738308 which contain balance cuts.
- Document: 1. FAA Emergency Telegraphic AD TAD No. T80 15 51; or
2. Pratt & Whitney Aircraft Alert SB ASB 5154 Rev. 1; or
3. AD/PW-T/53.
- Compliance: As detailed in Requirement Document No. 1.
- Background: Overseas, a JT8D engine experienced an uncontained rupture of a rear compressor front hub, P/N 738308. Subsequent investigation concluded that a fracture originated in the transition radius of a machining cut on the balance flange. This Directive is issued in order to provide inspection procedures and compliance requirements needed to detect cracks in the affected areas of P/N 738308 and similar JT8D hubs.