

# 737NG LPTACCV气管损伤标准

海技北分区域波音技术组

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近期某飞机检查发现右发右侧LPTACCV气管有凹坑，借此案例将标准核实方法进行介绍。





# 手册依据 AMM 72-54-00-200-801-F00

063 HNA, 737-600/700/800/900, AMM, D633A101-HNA, Rev 81, 15 Jun 2023

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Figure 601. Low Pressure Turbine Case Inspection : Sheet 1

**737-600/700/800/900**  
**AIRCRAFT MAINTENANCE MANUAL**

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**TASK 72-54-00-200-801-F00**

**2. Low Pressure Turbine Case Inspection** ([Figure 601](#), [Figure 602](#), and [Figure 603](#))

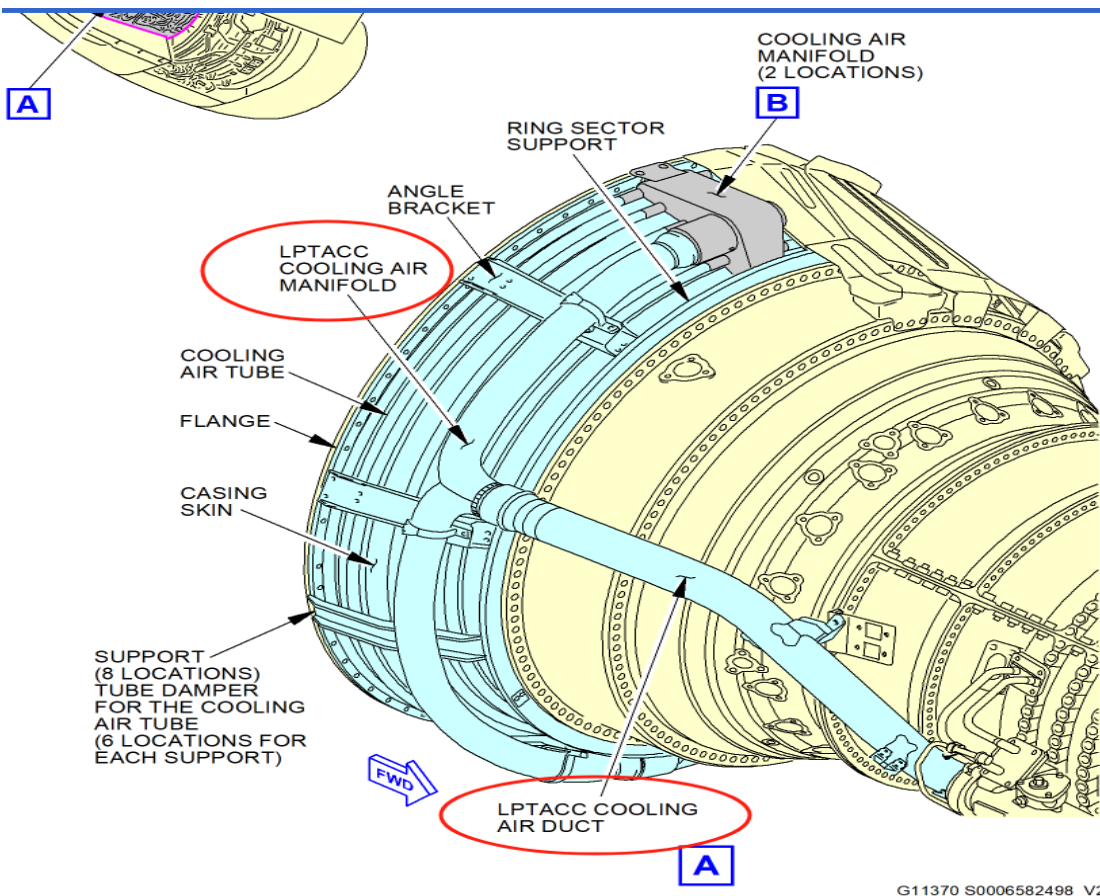
A. References

Reference	Title
<a href="#">70-10-07-800-801-F00</a>	Hand Blending - Maintenance Practices (P/B 201)
<a href="#">70-40-01-230-801-F00</a>	Fluorescent Penetrant Inspection (Portable Post-Emulsifiable) (P/B 201)
<a href="#">72-00-00-290-801-F00</a>	Borescope Inspection of the Stage 1 Low-Pressure Turbine Nozzle Outer Air Duct Condition (P/B 601)
<a href="#">72-54-00-300-801-F00</a>	Replacement of Broken Studs on the T49.5 Probe Bracket Assembly (P/B 801)
<a href="#">78-31-00-010-801-F00</a>	Open the Thrust Reverser (Selection) (P/B 201)
<a href="#">78-31-00-010-804-F00</a>	Close the Thrust Reverser (Selection) (P/B 201)

B. Location Zones

Zone	Area
411	Engine 1 - Engine
421	Engine 2 - Engine

核实标准时要注意区分损伤是在manifold 和 duct，避免用错标准。具体标准对应如下（下述截图仅用于案例讲解，实际标准核实请以现行有效手册标准为依据）



(11) Look for damage on the LPTACC cooling **air manifold:**

- (a) Cracks in the tubes
  - 1) No cracks are permitted.
- (b) Dents and collapse
  - 1) All dents and collapse are permitted if depth is not more than 5 percent of the outer diameter of the tube.
- (c) Flat area
  - 1) All flat areas are permitted if contour change is not more than 5 percent of the tube.

SUBTASK 72-54-00-210-012-F00

(12) Look for damage on the LPTACC cooling **air duct:**

- (a) Cracks in the tubes
  - 1) No cracks are permitted.
- (b) Dents and collapse
  - 1) All dents and collapse are permitted if depth is not more than 5 percent of the outer diameter of the tube.
- (c) Flat area
  - 1) All flat areas are permitted if contour change is not more than 5 percent of the tube.