

HNAT 737 技术问题说明

提示单编号	撰写	校对	批准/日期
TIP737-2020-28-003	符方洲	赵斌	曾晶/2020.5.8

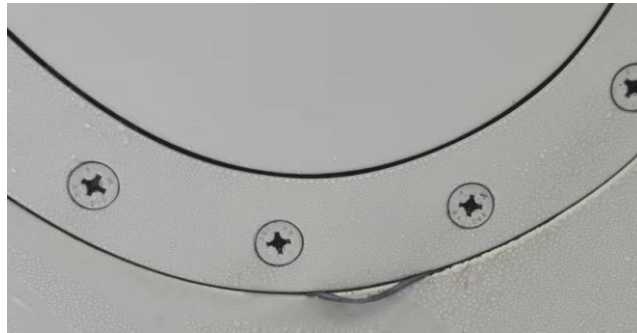
标题 油箱盖板封严脱出的处理

一、适用性

737NG, 737MAX

二、背景描述

机队中偶尔有反应油箱盖板封严有脱出，无漏油的情况。针对此类情况，实际脱出的是金属封严，主要起防止潮气入侵的作用，不起密封作用，可以剪掉后放行。由于手册内缺乏明确文件支持，特补充厂家的相关说明。



三、解释说明

针对此类问题，和波音做了沟通，波音的正式答复如下：

The protruding material appears to be the silicon edge of a fuel access door gasket. Boeing confirms that other operators have reported protruding gaskets in the past. The silicon edging acts as a moisture barrier keeping moisture out of the fuel tank and the fuel tank access panel nut domes. This silicon strip does affect the operational characteristics of the mesh gasket. An improperly seated gasket or one with the silicon removed could allow moisture access between the clamp ring, the wing skin, and the door. This moisture could cause cracks in the fuel access door nut domes. For this reason, Boeing does not recommend Hainan Airlines (HNA) to trim off the protruding material of fuel access door gaskets. However, Boeing finds it acceptable, when gasket replacement is not feasible, to clip back the protruding material and defer the gasket replacement provided the following requirements are met:

- There is no fuel leak
- Ensure to not pull additional material away from the gasket
- Retorque all fasteners common to the affected access panel per AMM
- Replace the gasket at the next available maintenance opportunity.

简述为：

此材料用于防止潮气进入油箱盖板 NUT DOME，不建议修剪此材料，但是可以暂不更换，只要满足以下条件：

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- 1.无燃油泄漏；
 - 2.确保没从封圈上拉出其他材料；
 - 3.依据 AMM 重新磅紧受影响盖板的紧固件；
 - 4 在下一个维修时机更换此封圈。

四、小结

油箱盖板的金属封严脱出，在不漏油的情况下，可进行修整后放行。但是由于存在持续的潮气入侵风险，将可能导致盖板安装头处因结冰裂纹的风险，当日航必须完成处理。