



Study Regarding the Flammability of Contaminated Thermal/Acoustic Insulation – *Update*

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Background –

Occurrences have indicated that contaminated thermal/acoustic insulation (TAI) can pose a significant fire safety risk, and

Previous work has identified that dust/lint was the primary ‘risk contaminant’.



Accordingly –

TCCA, in cooperation with the UK CAA and the FAA, commissioned RGW Cherry & Associates Ltd (UK) to conduct a study to:

identify the levels/build-up rates of dust/lint, and

assess the impact of such contamination on flammability (and means to mitigate).





Methodology –

The study involved:

‘Surveying’ various in-service aeroplanes to quantify the dust/lint levels (considering *time since last cleaning*) in different locations in hidden areas’), and

Conducting tests to determine flammability performance.



Status –

Aircraft surveys and TAI testing mostly completed.

Significance of data/findings being evaluated.

Update by RGW Cherry & Associates Ltd follows...



Thank you!