

Reliability in the era of electrification in aviation: a systems approach

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With an increasing amount of electrification projects in aviation, reliability becomes a key question. Integrating electric and electronic equipment in areas that have been dominated by thermal machines poses big challenges and opportunities. This presentation will provide insights into the methods used to determine the required reliability by assessing the whole system and exploring the electromechanical and environmental interactions that define the new requirements to be met. Finally, it will discuss the interlinked nature between safety and reliability in aviation.