

TRIP Database: PED Fires in the Cabin

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This presentation will describe the Thermal Runaway Incident Program (TRIP), a stakeholder-led voluntary reporting system for lithium battery thermal runaway incidents in aviation. The presentation will include an overview of the reporting process and the data collected. Summary data and 5-year incident trends of thermal runaway incidents in the passenger cabin and cockpit will be reviewed including the changing mix of device types, information about the device activity, and proximate cause of many subject incidents. Finally, the presentation will provide some observations and conclusions about potential mitigating actions to reduce the risk of thermal runaway incidents in aviation.