

**9<sup>th</sup> Triennial International Aircraft Fire and Cabin Safety Research Conference**  
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**Topic:** Evacuation and Post-Crash Survival: Interior Arrangement

**Title:** Aircraft Seat Dimensions: Evaluation of the Effects of Seat Pitch and Width on Transport Category Airplane Egress

**Abstract**

In the FAA Reauthorization Act of 2018, Congress directed the FAA to establish minimum dimensions for passenger seats, including minimum dimensions for seat pitch and width that are necessary for passenger safety. The goal of this project is to provide data supporting these minimum dimensions and determine how critical they are to the safety of the passengers during an evacuation. This presentation will cover a background of evacuation issues; including the establishment of what exactly is being measured, and an overview of the test plan and procedure. This is an ongoing project with data collection beginning in the Fall of 2019.