## Structural Factors Influencing Survivability of Occupants in Airplane Accidents

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This study has been carried out at the request of the United Kingdom Civil Aviation Authority and the United States Federal Aviation Administration. An earlier study carried out for the United Kingdom Civil Aviation Authority (1996 covering years 1969-1991 inclusive) addressed structural issues that might influence the survivability of occupants in airplane accidents (Survivability Factors). This current study reanalyzed these survivability factors to include more recent accident experience (1992 to 2011 inclusive). The study was primarily based on a quantitative and qualitative analysis of past accidents. The quantitative analysis was performed using Monte Carlo models developed specifically for this study.