

Deborah Bruce – Bio NTSB

Deborah Bruce manages the Safety Studies and Statistical Analysis Division of the National Transportation Safety Board. That group of human factors researchers and statisticians designs and conducts safety studies in all modes of transportation. The division is also responsible for analyzing and disseminating information from the Safety Board's official aviation accident database.

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Since joining the Safety Board in 1996, she completed a safety study on pipeline excavation damage prevention and a study of personal watercraft safety for recreational boaters. She recently organized and participated in a public forum concerning aviation oversight of contract maintenance. Prior to joining the Safety Board, she worked in private industry on aviation research and engineering projects. For nearly a decade, she worked in the area of air traffic control, managing ATC training programs for FAA enroute centers and control towers and for Russian air traffic controllers. She was also the principal investigator of a national study to define physical performance criteria associated with the selection of air traffic control tower specialists.

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She is a graduate of George Mason University (GMU) Human Factors Engineering program where she studied under Deborah Boehm-Davis. Her dissertation research was on the subject of in-vehicle information displays. Her undergraduate degree was in Chemistry, she has a Masters degree in Communications from University of Kentucky, and a Masters and Doctorate in Human Factors Engineering from GMU. Her technical interests, like her job experience, are varied.