

A Freighter Airplane Cargo Fire Risk, Benefit and Cost Model

Ray Cherry/Lionel Wallace
RGW Cherry & Associates

Following the accident at Dubai International Airport in the United Arab Emirates, to the Boeing 747 freighter airplane on September 3rd 2010, the FAA, Transport Canada and the UK CAA requested that Risk and Benefit Cost Models be developed to assess the likely number of U.S.-registered freighter fire accidents, and the Benefit Cost Ratio associated with seven mitigation strategies identified by the FAA. This presentation describes the primary data used in the models and the basis on which they were developed.