



Airplane Upset Training Evaluation Report (Paperback)

By National Aeronautics and Administration

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.In the last decades, loss of control in flight was the largest category of commercial jet fatal accidents worldwide. Precipitating factors in these accidents have included equipment failures and system anomalies, weather phenomena, inappropriate use of flight controls or systems, inappropriate control responses by crew, or some combination of these factors. In many of these accidents flight crews could have recovered from the initial upset attitude by promptly applying appropriate control inputs. However, recovery from upset attitudes is challenging, even for highly experienced airline pilots, for the following reasons: 1) pilots rarely have opportunities to practice the appropriate procedures and 2) demanding time constraints and, in some cases, altitude constraints. Also, recovery from some upset accidents requires not only correctly manipulating the controls hut also recognizing the underlying problem causing the upset. The initial upset is generally sudden and unexpected; the crew must not only quickly and correctly assess the situation but also implement recovery procedures appropriate to the situation. Usually the crew does not have enough time for the relatively slow cognitive processes of reasoning and problem...



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