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TURBULENCE HAZARD METRIC BASED ON PEAK ACCELERATIONS FOR JETLINER PASSENGERS



Turbulence Hazard Metric
Based on Peak Accelerations
for Jetliner Passengers

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BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 40 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Calculations are made of the approximate hazard due to peak normal accelerations of an airplane flying through a simulated vertical wind field associated with a convective frontal system. The calculations are based on a hazard metric developed from a systematic application of a generic math model to 1-cosine discrete gusts of various amplitudes and gust lengths. The math model simulates the...

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- Authored by Eric C. Stewart
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