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Autore Palmerton David

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Sommario/riassunto This study analyzes the frequency of rotorcraft accidents involving

fatalities and injuries to determine if certain types of accidents are inherently more dangerous in relation to rapid evacuation capability. Four categories of accidents were analyzed: those involving a fire, those without a fire, those in which the rotorcraft rolled over, and those without a rollover. It was hypothesized that rollover accidents create evacuation delays that produce more fatalities, particularly in situations involving a rollover and post-crash fire, where evacuation delays may expose occupants to toxic fumes longer than they would be if the rotorcraft remained upright and the evacuation only required occupants

to quickly step out of the rotorcraft.