

**Anita Grierson
Dr. Lance Labun
Simula Technologies, Inc.**

**Lisa Jones
NASA Langley Research Center**

"Recommendations for Injury Prevention in Transport Aviation Accidents"

If we are to decrease the fatal accident rate in commercial aviation, we must seek both to avoid accidents and to make those accidents that happen more survivable. Eleven transport category accidents were reviewed in detail to determine how injuries and fatalities occurred, and how they could have been prevented. The results are considered in terms of the factors required for survival: maintaining an occupiable space, restraining the occupant within that space, keeping loads to a tolerable level, egress, and post-crash survival.