



086-ST

## History of human test dummies for crash and blast protection

Mohamed Emam Kamal

*Military Technical Collage, mody\_emo22@yahoo.com*

*Supervisor: Assoc.Prof. Col.Hisham M.Eltaher*

*Institution, Country, hisham.kamel@mtc.edu.eg*

*This paper presents the history of the dummy, improving phases of the dummy, the difference between them, advantage and disadvantage of the most popular dummy HIII, the sensor which use in the dummy (accelerometer), its types, hall effect, specifications, use & location of the accelerometer& study of a seat.*