## **Accepted Manuscript**

A theoretical model of honeycomb material arresting system for aircrafts

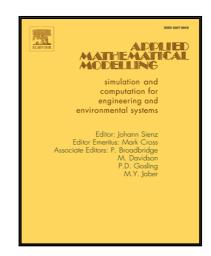
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PII: \$0307-904X(17)30268-8 DOI: 10.1016/j.apm.2017.04.006

Reference: APM 11714

To appear in: Applied Mathematical Modelling

Received date: 10 May 2016
Revised date: 28 February 2017
Accepted date: 4 April 2017



Please cite this article as: Yun Xing, Xianfeng Yang, Jialing Yang, Yuxin Sun, A theoretical model of honeycomb material arresting system for aircrafts, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.04.006

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### ACCEPTED MANUSCRIPT

## Highlights

- Arresting properties of metal honeycomb material are studied.
- A Tire-Honeycomb material Interaction Mechanical Model is presented.
- The arresting simulation on aircraft B737-900ER is done.
- Honeycomb material can stop the overrunning aircraft efficiently.
- The stopping process is safe for the passengers and aircraft.



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