

**\* Sudan university of  
science  
And technology**

**\* Landing gear design for medium A/C**

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# \* **AbstrAct**

- \* We need safe , fast and reliable aircraft as A/C field grows faster, which puts the designers of the aircrafts in challenge with themselves
- \* Landing gear part must be taken in consideration too for its critical part in safety.

# \*Introduction

**\*Landing gear one of the most important part of the A/C. its purpose is to support the A/C during taxi, take off and landing. Also, provide a means of brake system .it also made retractable to minimize A/D drag during flying**