# Bird Strike On Aircraft

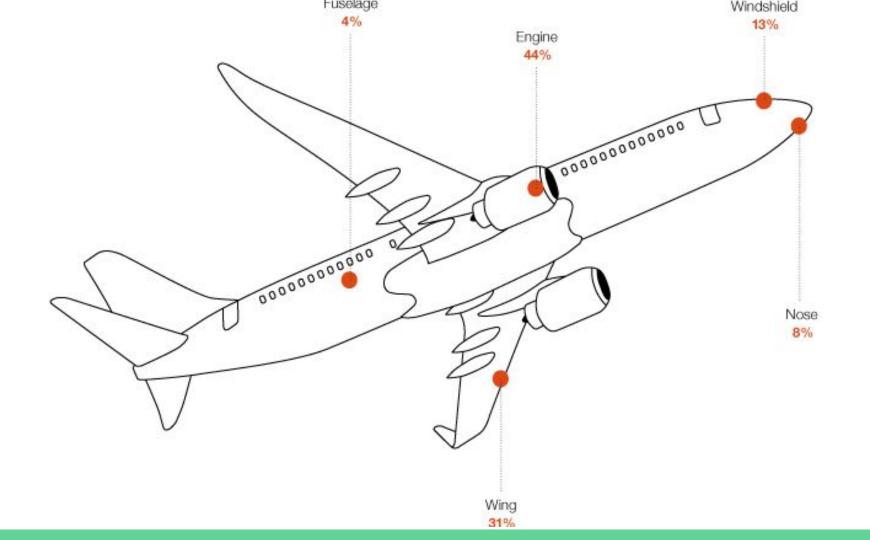
PHY1901

19BCE0829 Kandra Ksheeraj

### What is the problem?

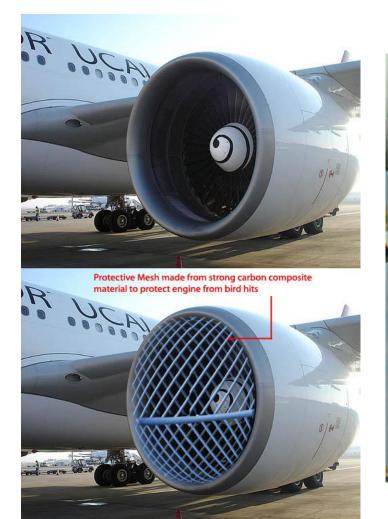
- Bird strikes are a common problem in the aviation industry causing potential damage to the aircraft or its engines.
- Every time a bird collides with an aircraft, a bird strike inspection must be performed to evaluate the hazard.
- Bird strikes can have significant economic and occasional safety consequences for flight operations.





# Proposed solutions

- provide adequate wildlife control measures
- Mesh or grill in front of the engine





#### **Problem**

Screen or grate in front of the engine would produce turbulence in the air behind it, and what the engine needs is a smooth flow of air. If the flow is disrupted, the compressor at the front of the engine may stall, causing the engine to lose lift.

## What I am going to do

- Propose ideas to generate solutions to the problem by constructing software Simulation Models.
- Propose Improvements to present Bird Detection & Modern Radar Technologies.

#### References

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