

CLEARED FOR TAKEOFF?

“Aviation is proof that given the will, we have the capacity to achieve the impossible” – Eddie Rickenbacker.



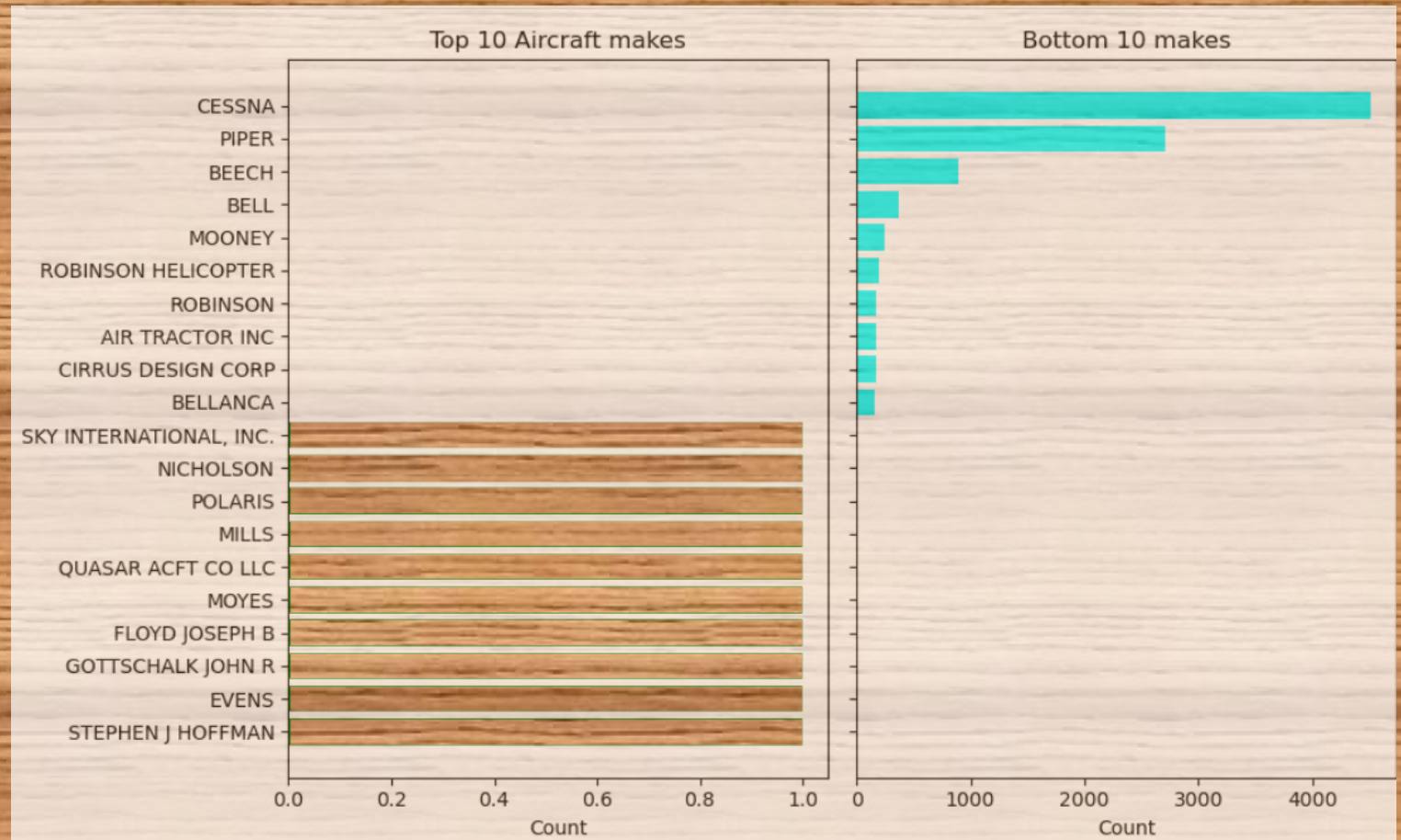


INTRODUCTION

The aviation industry is regularly a subject to unpredictable market conditions and maintenance challenges. Understanding which conditions are essential for aircraft operation is key.

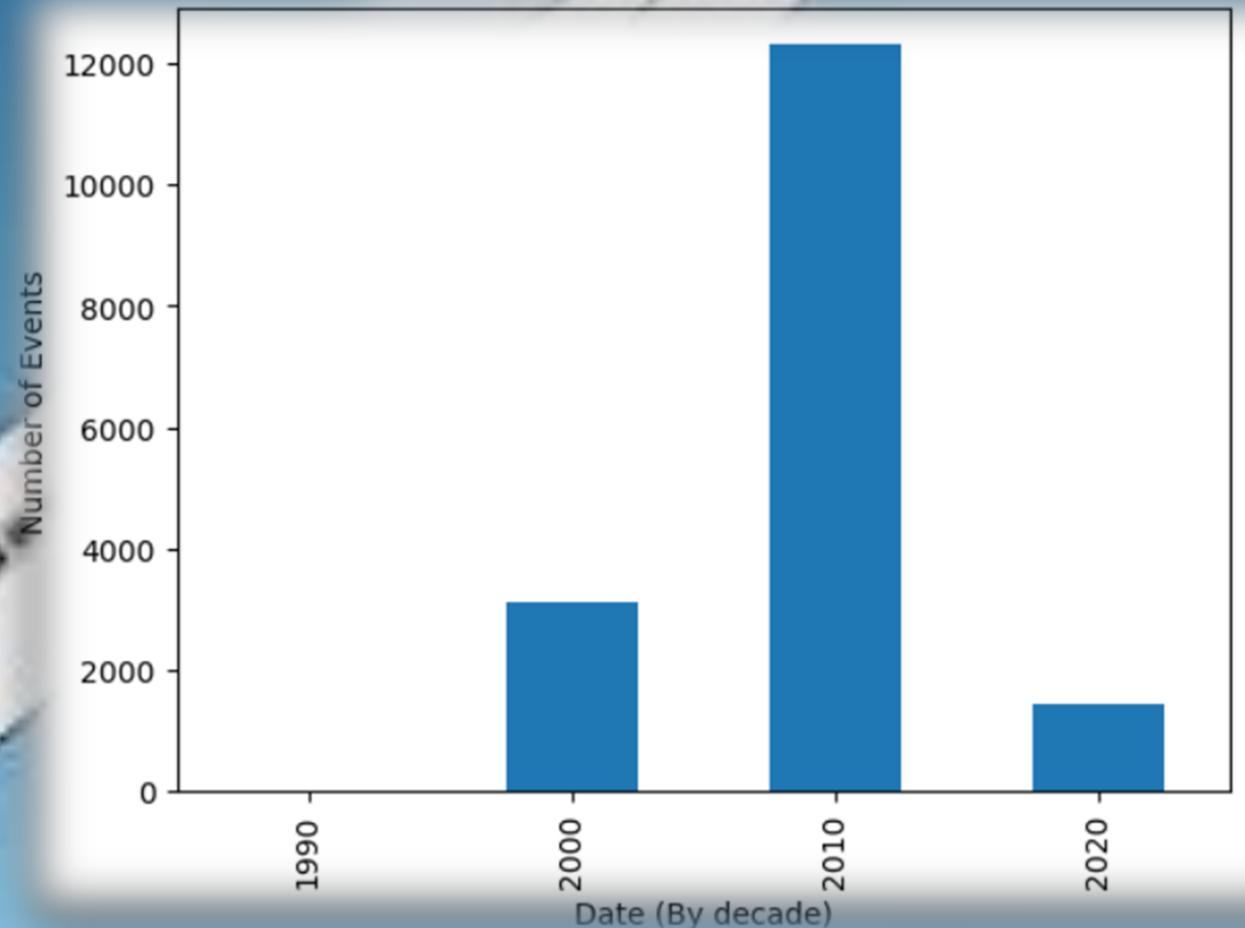
Comparison Between Aircraft Makes And Accidents

Popular aircrafts like Cessna and Piper top the list, while obscure ones experience the least accidents. The more the operations in these popular makes, the higher the accident probability



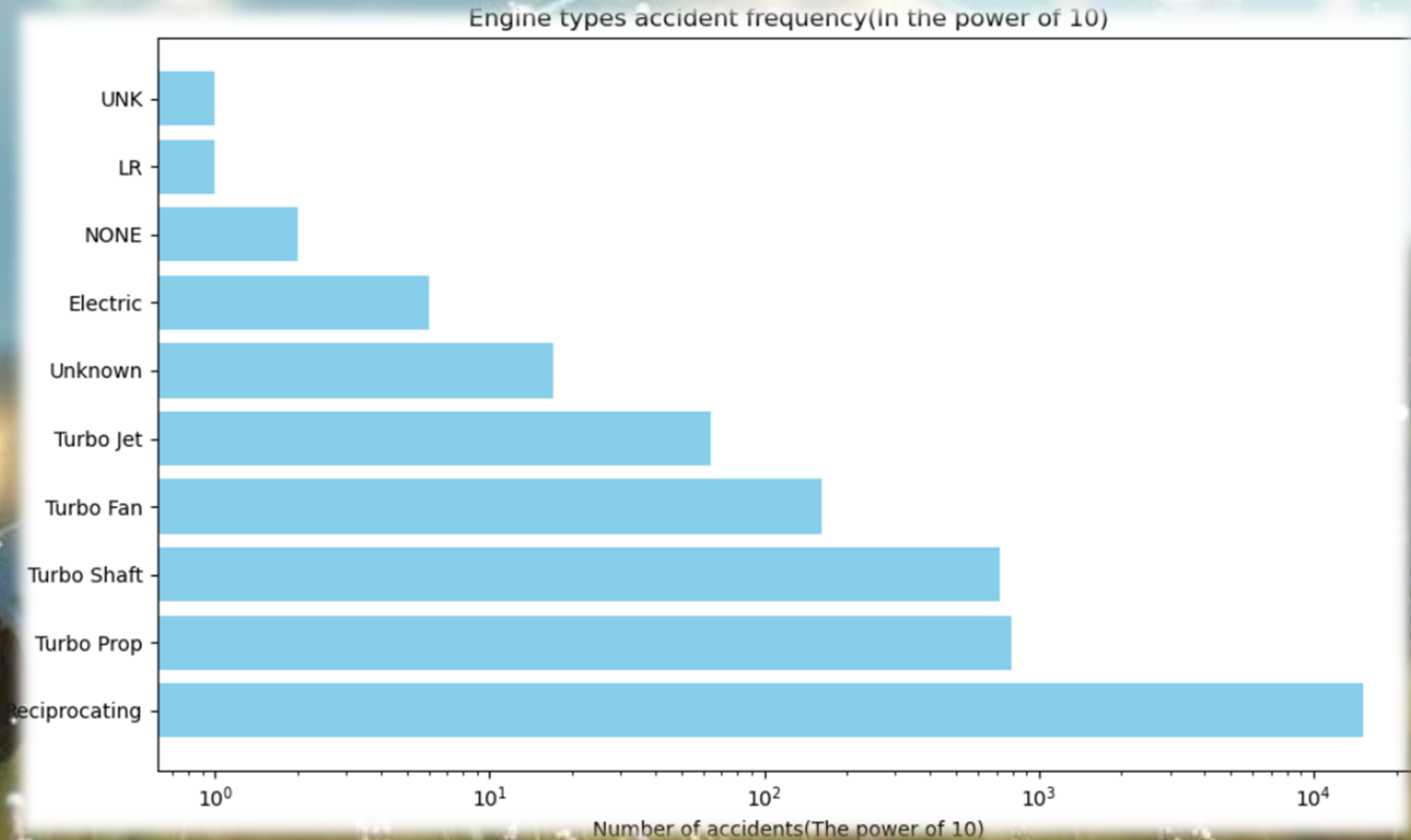
Accident Trends (1992- 2022)

- In the late 1990's accidents were significantly low
- There was a 18.4% rise in accidents as we transitioned to the 2000's
- A 54.3% increase in accidents in the late 2000's and early 2010's
- A significant 64.2% decrease in accidents into the 2020's



EFFECTS OF ENGINE TYPES ON ACCIDENTS

Aircrafts with the reciprocating engine have been involved in the most accidents. The least occurring engine type is the UNK engine



Recommendations


- *Consider purchasing aircraft makes like Robinson and Beech, which maintain a balance between popularity and safety*
- *Twin engine planes are the best. Their prices are fairly reasonable and the safety is topnotch*
- *Routes are a key consideration, so avoiding routes like Alaska, USA might play a huge part in reducing risk*
- *UNK and electric engines might be a better choice. Avoid the reciprocating engine*
- *Now is the best time in history for a company that wants to invest in the aviation industry*

Conclusion

The air space has become very safe and convenient for travel.

Accidents are said to be part of nature. It is not in any person's capability to control that.

In conclusion, aviation industry is becoming safer and more profitable with time, and this business should consider investing in the industry



**Thank You for your attention and
cooperation**

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