

---

# AFRICA AIRWAYS CO. AVIATION VENTURE

Presented by: Elizabeth Kiilu



---

# OUTLINE



Business Overview



Data Synthesis



Recommendations

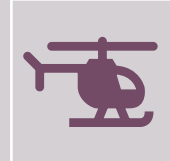
---

---

# BUSINESS OVERVIEW



Africa Airways Co. has been formed as a subsidiary to venture into the aviation business in the region



The objective is to purchase airplanes with a target market of commercial and private enterprise operations.



To ensure sustainability, risk assessment is a significant factor in ensuring long-term sustainability in the volatile market.



The company targets its operations to be run by low-risk aircrafts with a proven track record in matters of safety and reliability.

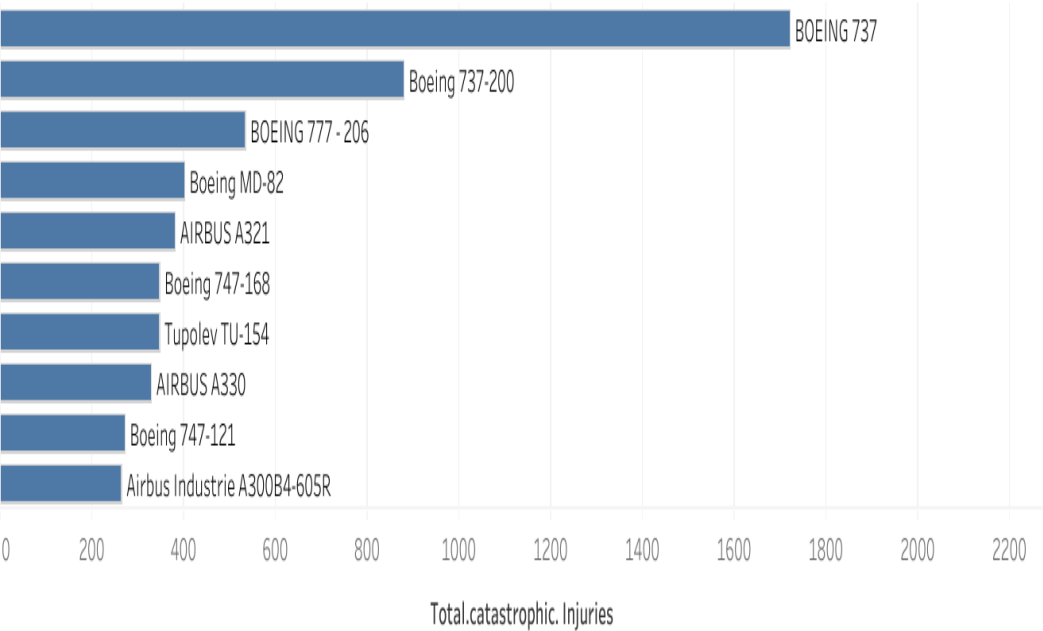
---

# DATA SYNTHESIS

Data was acquired showing track records of different flights and their incidence track records

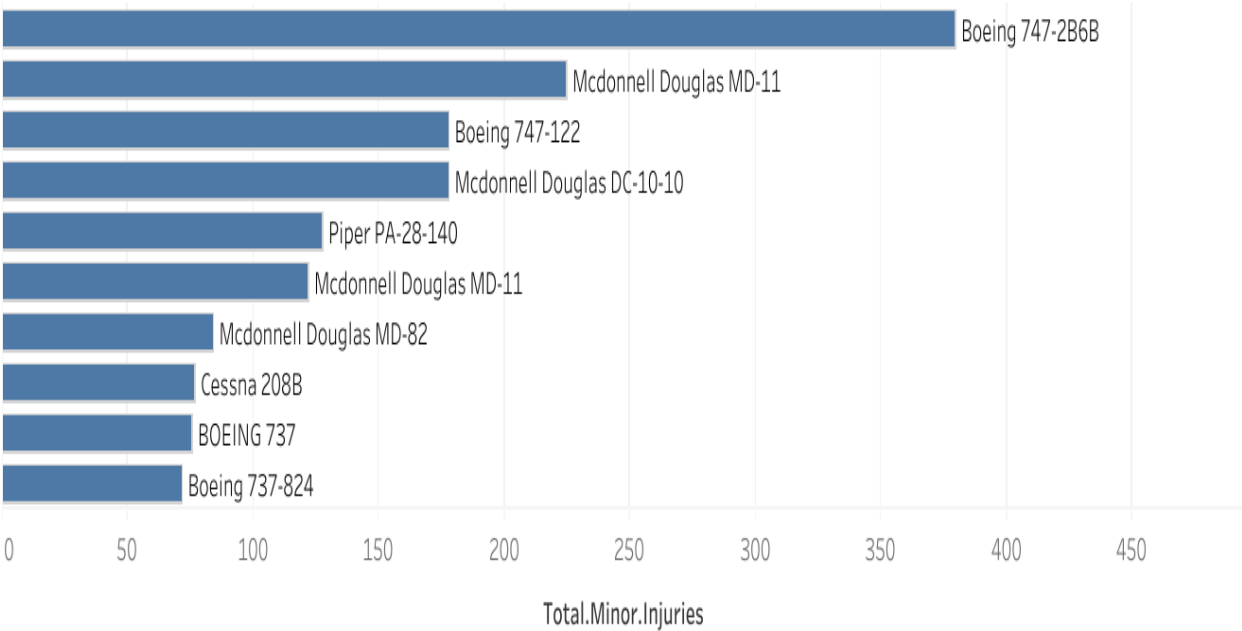
**Below are the top ten aircrafts that were involved in incidents that led to fatalities**

Top 10 Fatal Incidences by Aircraft Type



**Below are the top ten aircrafts that were involved in incidents that led to minor injuries.**

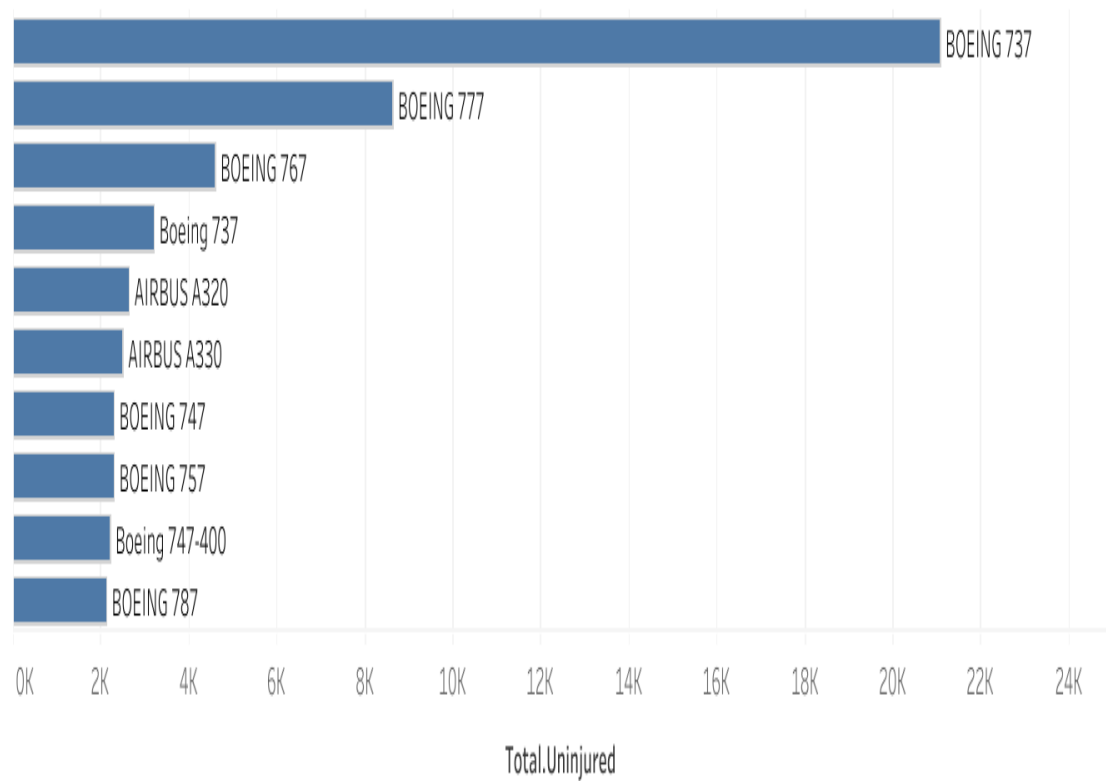
Top 10 Minor Incidences by Aircraft Type



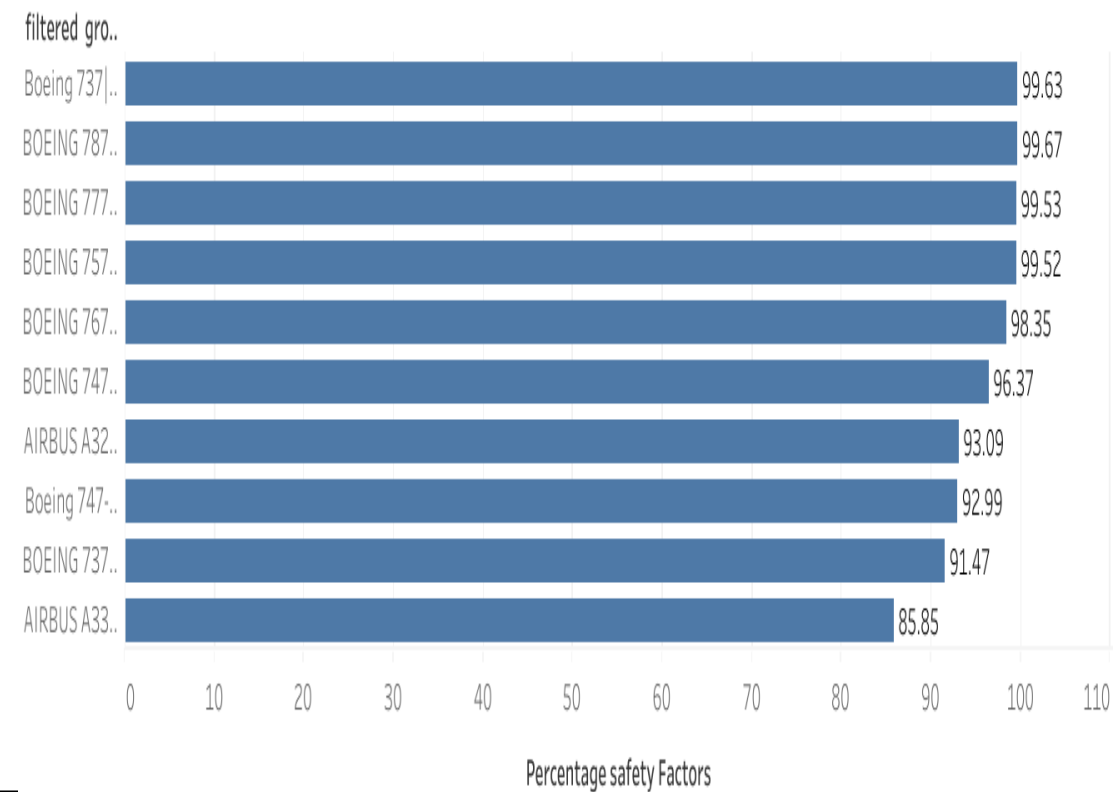
# DATA SYNTHESIS

The following aircraft were considered low-risk and ranked according to their safety factors.

Top 10 Incidences with no Injuries by Aircraft Type



Percentage safety factors of low risk Aircrafts



---

# RECOMMENDATIONS

01

Africa Airways Co. to venture into low-risk aircraft whose safety factor is high, as highlighted in previous graphs.

02

To ensure high reliability, a threshold of safety factor should guide the selection of aircraft for commercial and private enterprises. The higher the percentage threshold the better.

03

A deeper analysis should be carried out to map out the financial implications of the choice of aircraft to operate and establish a balance between acquisition and operations, and profitability.

---



**THANK YOU!**

A 3D speech bubble graphic with a white body and a blue shadow, set against a solid blue background. The words "THANK YOU!" are written in a bold, blue, sans-serif font inside the white body of the bubble. A short black horizontal line is positioned above the top-left corner of the bubble.