

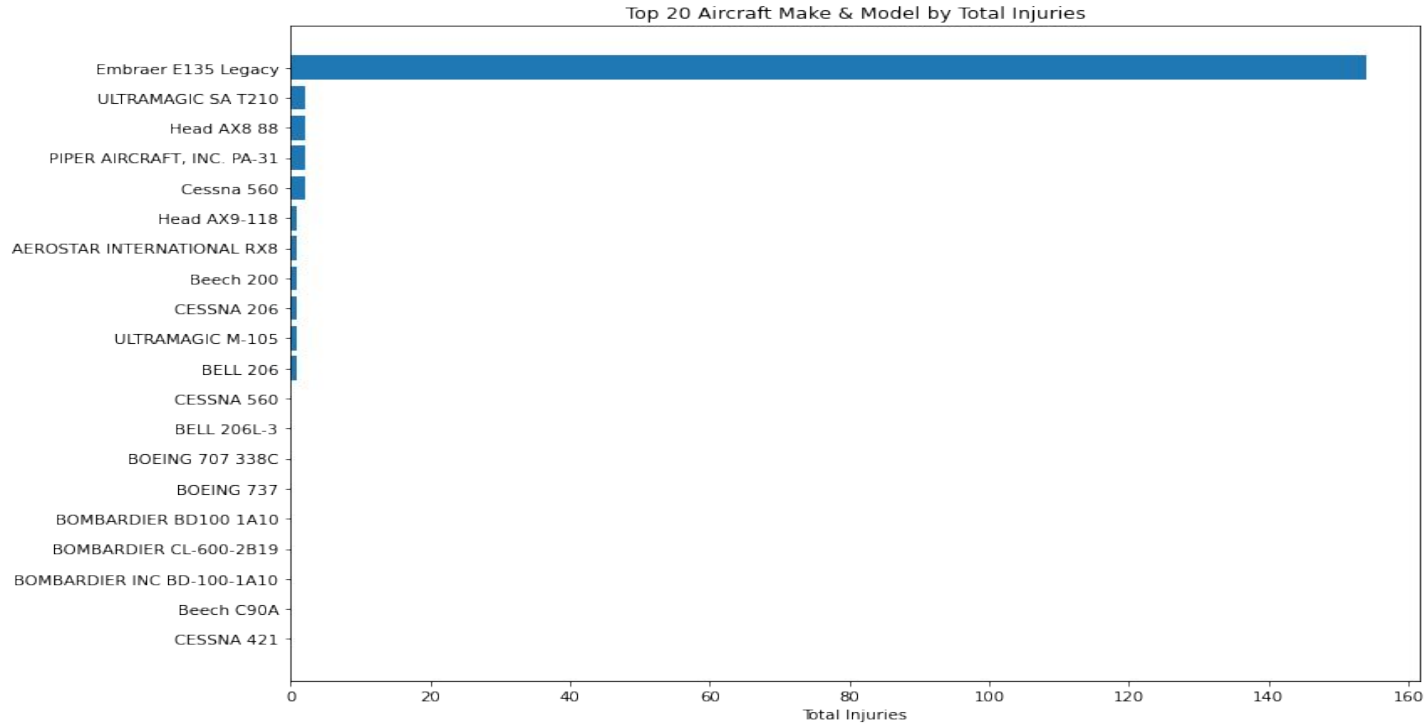
An analysis of NTSB Aviation injury/ incident data.

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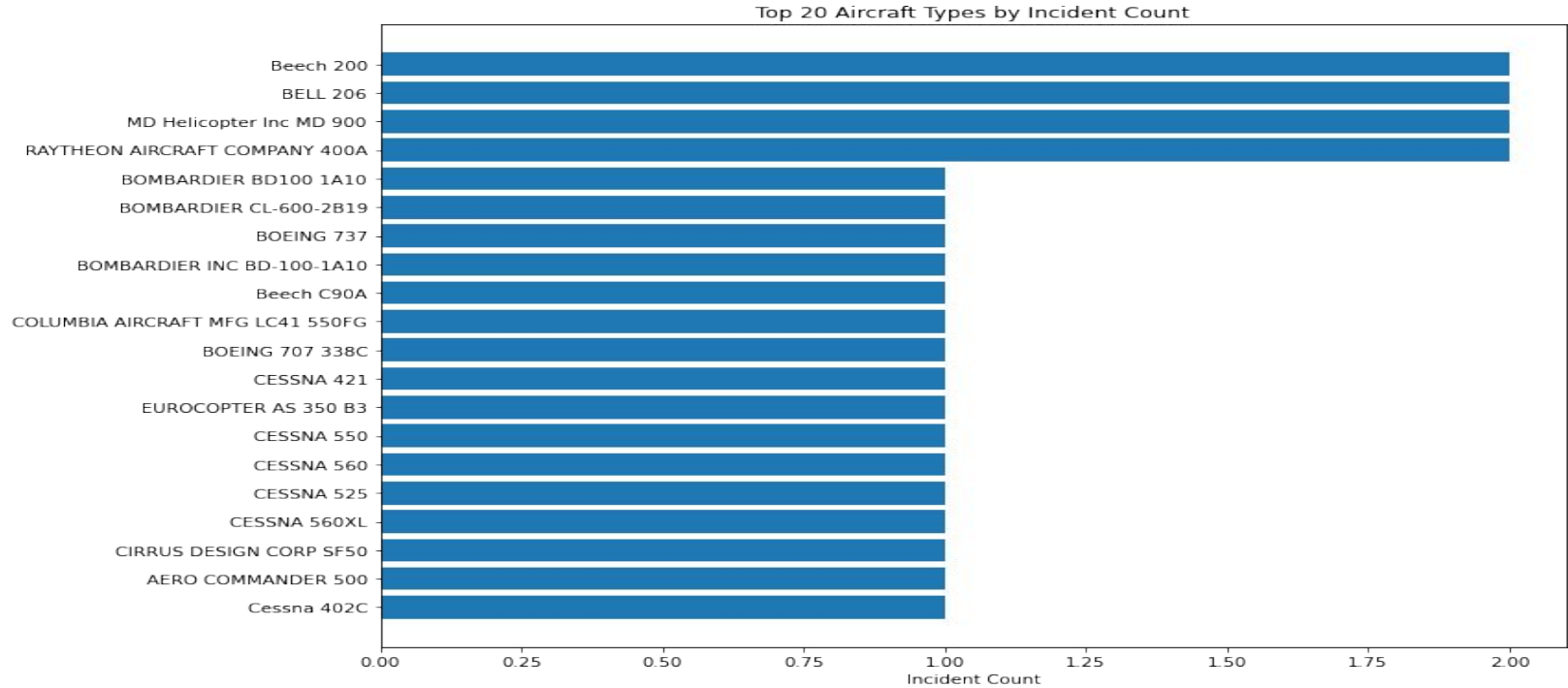
Objectives

- Determine the lowest risk aircraft for a new business endeavour in commercial and private enterprises
- Incorporate information on purchasing and operating aircraft for commercial and private enterprises where available
- Draft actionable insights for the new head of aviation division the decide which aircraft to purchase

Aircraft type by no. of injuries

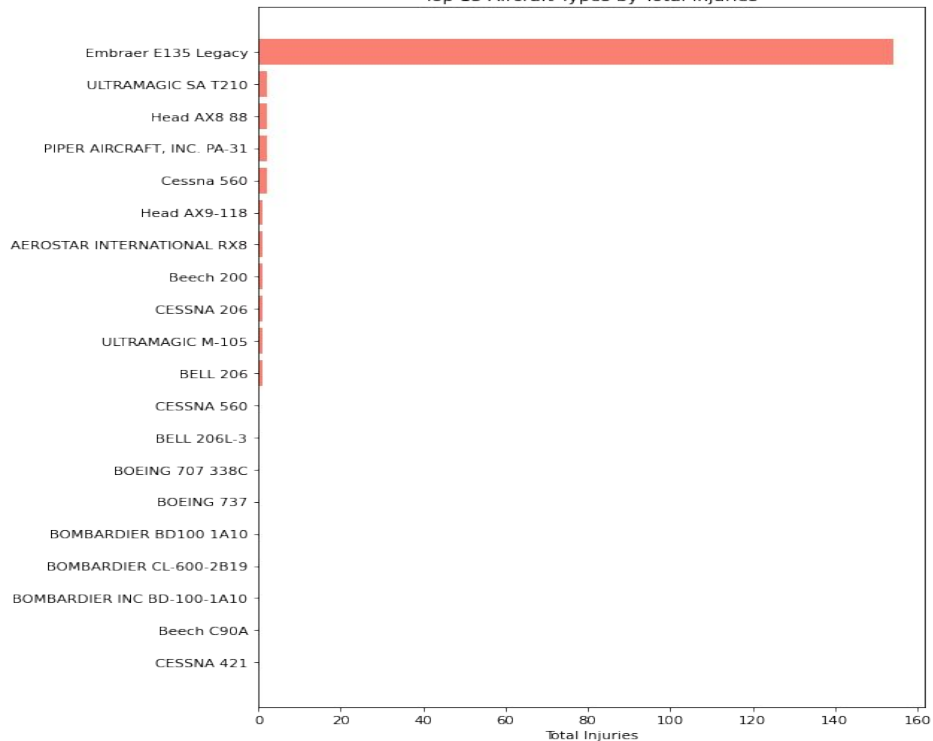


Aircraft type by no. of incidents

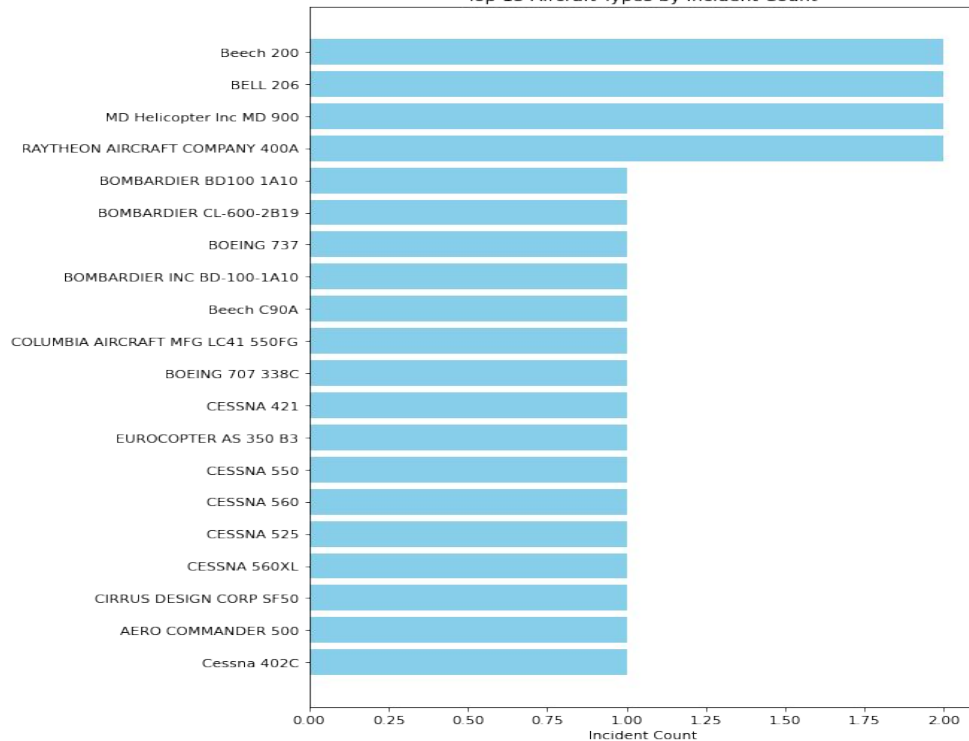


Incidents and injuries by aircraft type

Top 15 Aircraft Types by Total Injuries



Top 15 Aircraft Types by Incident Count



Conclusion and recommendations

- The Cessna 421, Beech C90, Bombardier BD100, Bombardier CL-600, Boeing 737 and Cessna 560 have the lowest injury and incident reports.
- Further analysis to compare frequency of flights over the period, aircraft capacity, engine serviceability and maintenance schedules is strongly recommended.