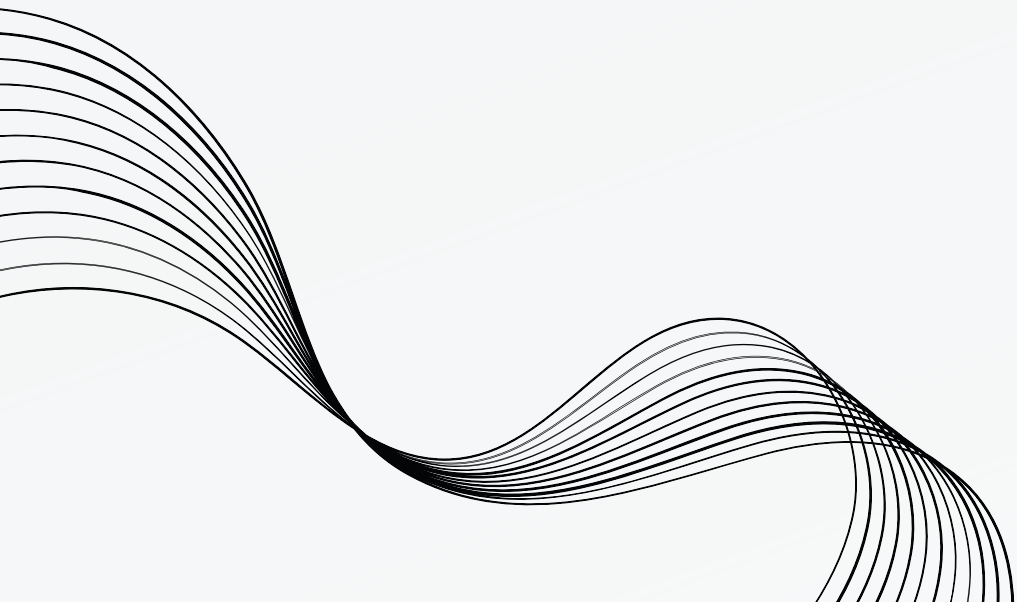# AICRAFT

ANALYSIS

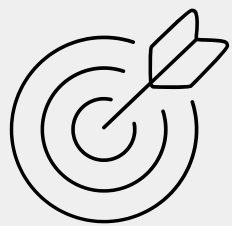MIGUEL BARRIOLA ARRANZ

FLATIRON

INTRODUCTION TO STAKEHOLDERS

- **Target audience**: Board Members
- **Focus**: Strategic Investment Opportunities in Aviation
- **Objective**: Explore Potential of Aircraft Investments
- **Role of Stakeholders**:
  - Decision-makers in guiding investment strategy
  - Providers of invaluable insights and perspectives

BUSINESS CASE

Diversification into Aviation: Assessing Aircraft Risk Profiles for Investment

The objective is to identify low-risk aircraft options that align with our business goals, ensuring a secure and profitable investment.

DATA

01 SOURCE: KAGGLE

02 CONTENT: AIRCRAFT ACCIDENTS AND INCIDENTS

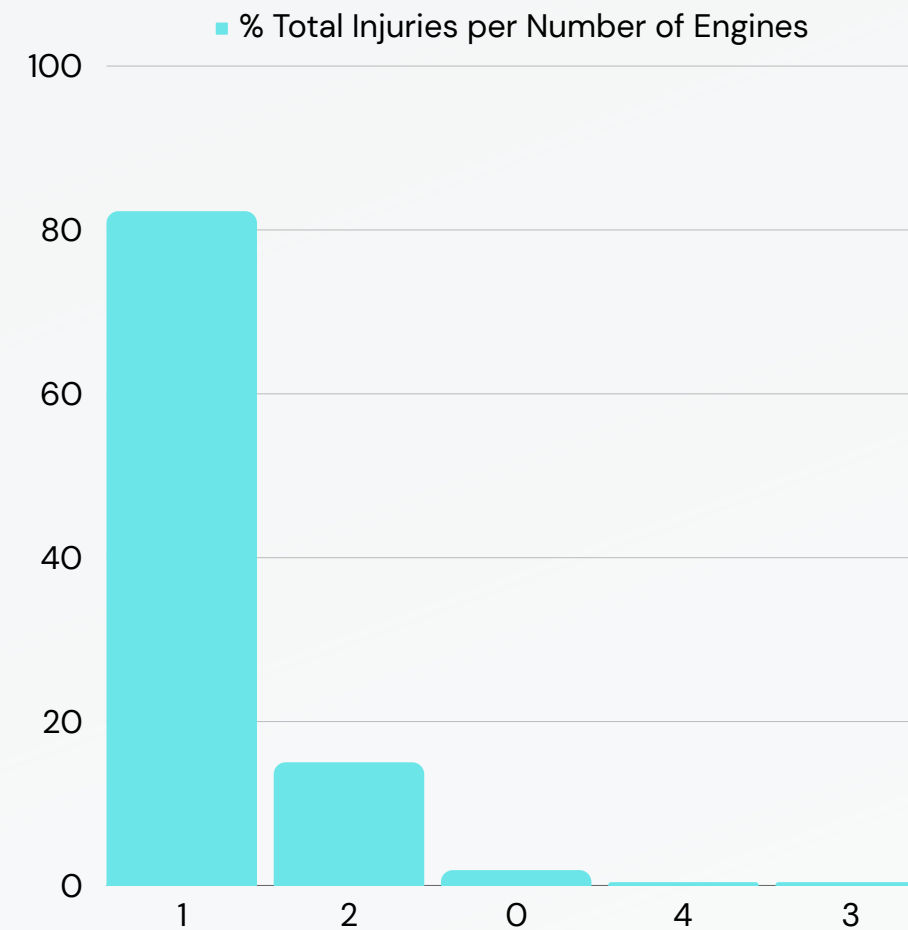**03** TIMELINE: FROM 1948 TO 2022

04 CLEANING PROCEDURE: FILTERED BY USA, FILTERED BY FATAL INJURIES AND SERIOUS INJURIES

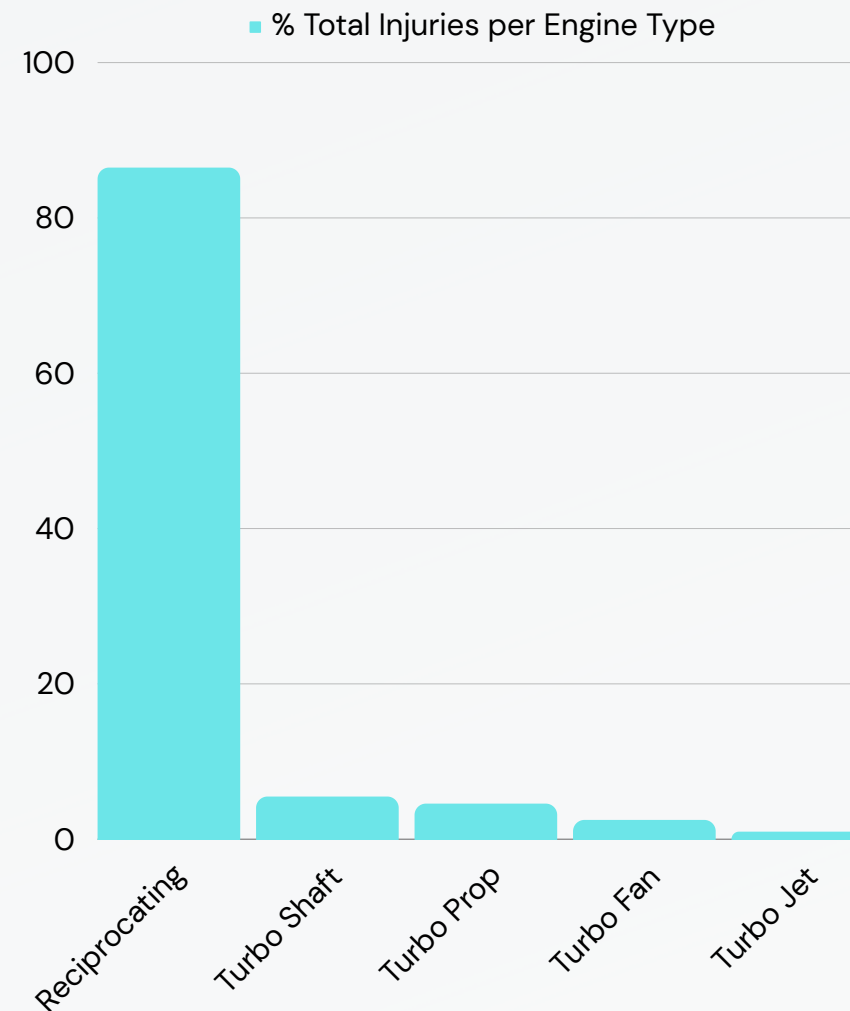# STRATEGIC INVESTMENT RECOMMENDATIONS

Recommendation n° 1

Invest in multi-engine aircraft for enhanced safety and reliability

% Total Injuries per Number of Engines
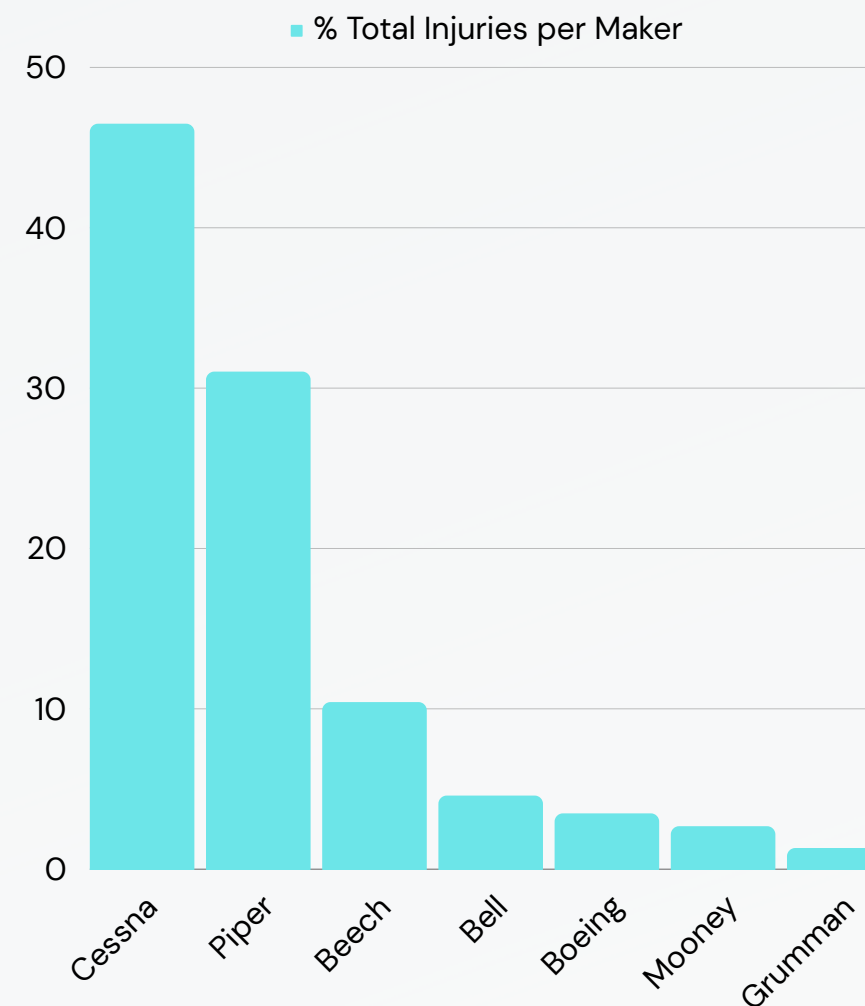
STRATEGIC INVESTMENT RECOMMENDATIONS

Recommendation n° 2

Prioritize investment in aircraft with Turbo Shaft, Turbo Prop, or Turbo Jet engines for better performance and efficiency
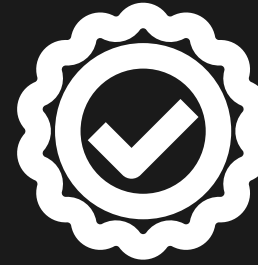

% Total Injuries per Engine Type

STRATEGIC INVESTMENT RECOMMENDATIONS

Recommendation n° 3

Focus investments on aircraft makers with lower historical injury rates, such as: Beech, Bell, and Boeing

■ % Total Injuries per Maker

CONCLUSION

- Commitment to aviation excellence through strategic alignment with recommendations
- Investment in:
  - Multi-engine aircraft for enhanced safety and reliability
  - Advanced engine technologies for cutting-edge performance
  - Manufacturers with proven safety records for trust and dependability
- Outcomes of strategic choices:
  - Elevation of brand reputation within the industry
  - Assurance of customer satisfaction through quality and safety
  - Maximization of long-term profitability and shareholder value

THANK YOU

Miguel Barriola Arranz

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