

Expanding Horizons: Navigating Aircraft Risks

Objective: Identify the lowest-risk aircraft for our new commercial and private aviation venture.

Goal: Provide actionable insights for informed aircraft purchases.

Risk Factors & Methodology

Types of Risks:

- Safety**

Based on Accident rates, incident reports, CESSNAS are not the safest

Methodology:

- Data Sources:** Safety databases, financial reports.
- Evaluation Criteria:** Safety records, cost efficiency, compliance.
- Analysis Methods:** Statistical analysis, risk assessment models.

Analysis & Recommendations

- Safety Analysis:

Accident/incident rates of top aircraft models.

Safety advancements and historical data comparison.

- Financial Analysis:

Cost efficiency: Purchase, operational, maintenance costs.

Fuel efficiency and operational lifespan.

- Regulatory Compliance:

Compliance records of aircraft models.

Future regulatory trends.

Actionable Insights & Conclusion

- **Recommendations and Conclusions**

All other aircrafts are safe except Cessna. If we must go with Cessna, lets get the following models: 150, 180, 150M and 152s