

Commercial and Private Airplane Maker Recommendations



William Howard
GitHub:
WilliamHowardGit



Monica Pecha
GitHub:
Pecham1911



Sarah Prusaitis
GitHub:
SarahPrusaitis

Bottom Line:

- Accidents cost 124 million every 2 years
- Makers with low percentage of accidents resulting in fatalities and low percentage of totally destroyed aircrafts will save you money.



Bottom
Line

Data

Reccs.

Future
Insights

Data Overview:

- Filtered for data from the year 2000 to present.
- Filtered for Domestic planes, Commercial and Private.
- Limited data for Private accidents with fatalities.

DECEMBER 1999

S M T W T F S

1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30 31

FEBRUARY 2000

S M T W T F S

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28 29

JANUARY 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

[january-calendar.com](#)

Commercial By Accidents With Fatalities:

Boeing:

3.4% Accidents with Fatalities.

Airbus:

0.9% Accidents with Fatalities.

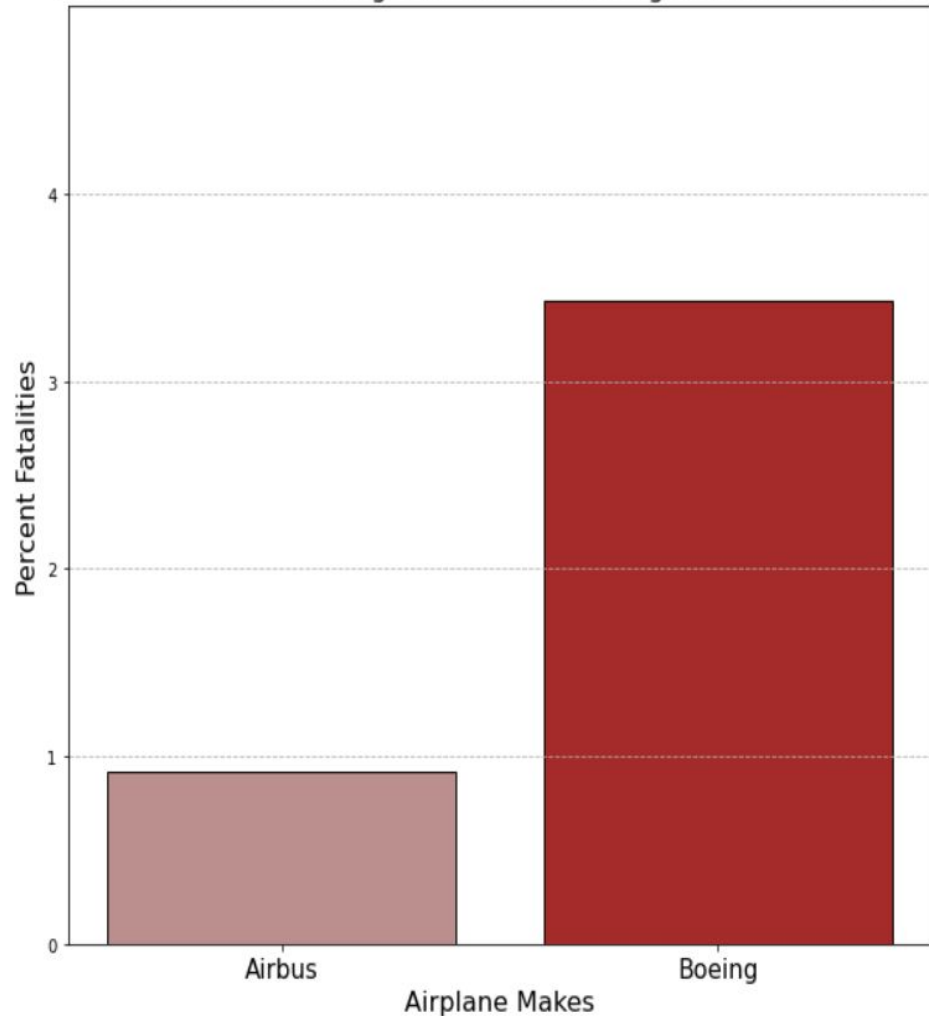
Bottom
Line

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Percent of Commercial Flight Accidents Resulting in at least one Fatality



Commercial By Total Plane Destruction

Boeing:

0.8% Percent Total Destruction.

Airbus:

0.4% Percent Total Destruction.

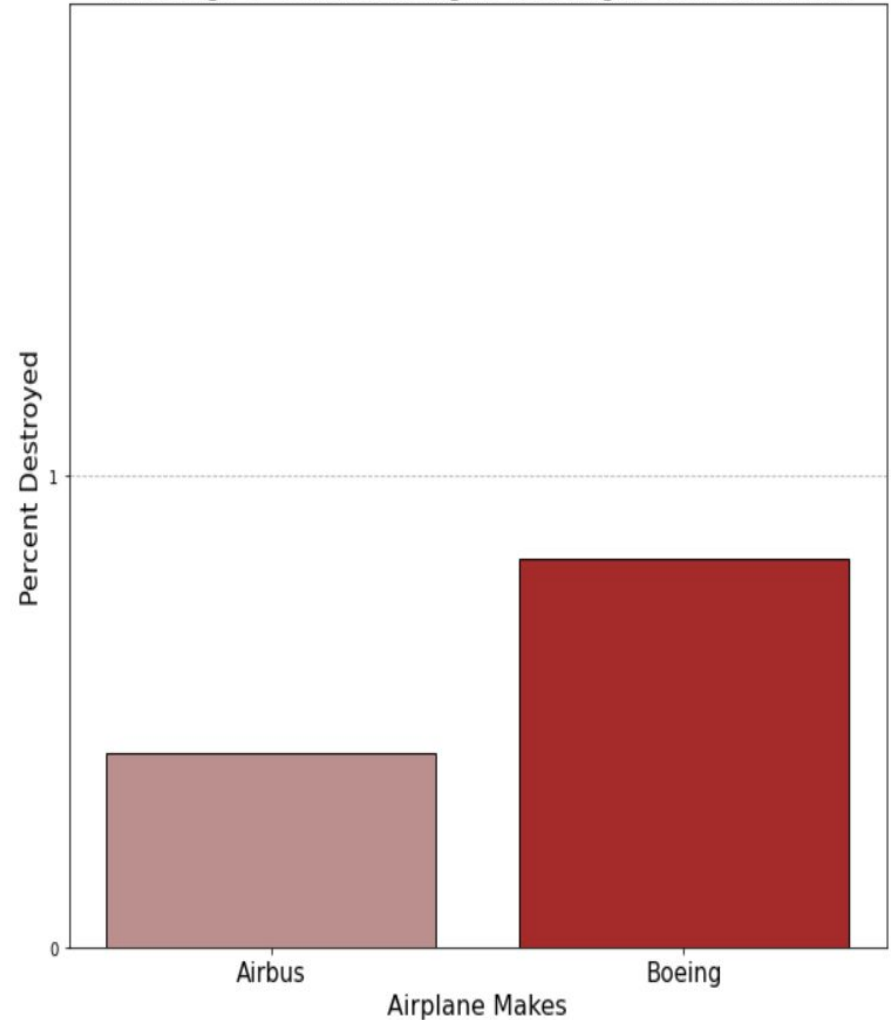
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Line

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Percentage of Commercial Flights Resulting in Total Destruction



Private By Total Plane Destruction

Piper:

8.2% Percent Total Destruction.

Cessna:

6.3% Percent Total Destruction.

Bombardier:

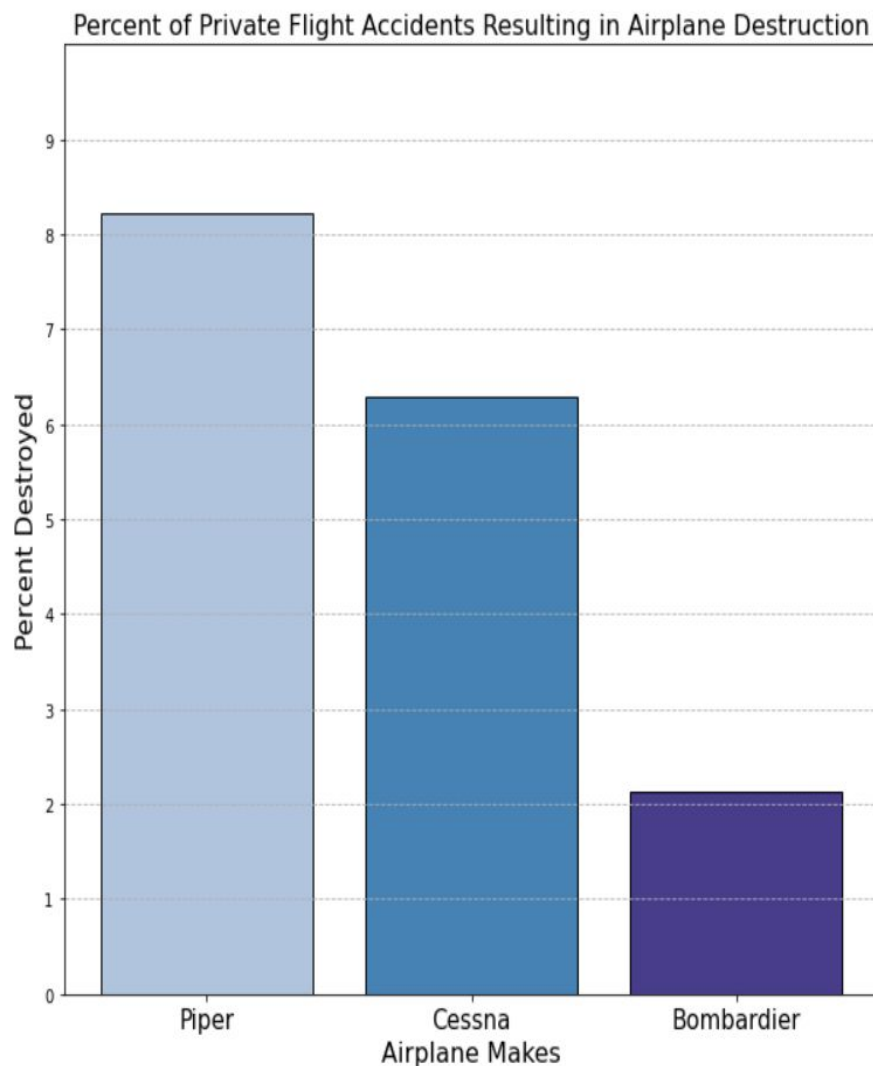
2.1% Percent Total Destruction.

Bottom
Line

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Reccs.

Future
Insights



Recommendations:

Commercial by Accidents with Fatalities

Airbus:

0.9%

Commercial by Total Destruction

Airbus:

0.4%

Private by Total Destruction

Bombardier:

2.1%

Bottom
Line

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Reccs.

Future
Insights

Future Insights:

- Success rate by Model
- Failure rate by Model
- Average cost of repair by Model



Bottom
Line

Data

Reccs.

Future
Insights

Questions?:



Sources:

- <https://arc.aiaa.org/doi/abs/10.2514/1.D03571> accessed 2024.03.06
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- <https://www.iata.org/en/pressroom/2023-releases/2023-12-06-01/#:~:text=Outlook%20highlights%20include%3A,2.6%25%20net%20profit%20margin>
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