

Panel 2

Cooperation and Harmonization of Safety Recommendations

Presented to: Aviation Safety and Aircraft Accident and Incident Investigation
Seminar

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Prevention

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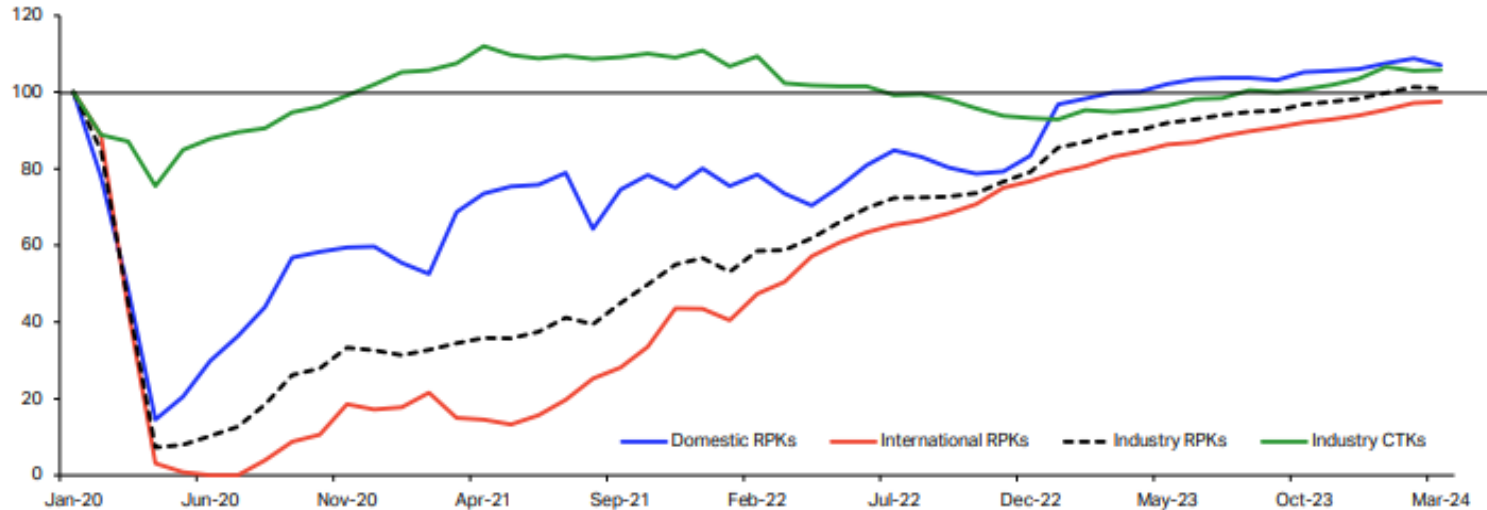




Solid uptrend in passenger traffic



Industry RPKs and CTGs, Seasonally Adjusted, indexed, January 2020 = 100



RPK: Revenue Passenger-Kilometers; CTG: Cargo Tonne-Kilometers

Source: IATA Sustainability & Economics, IATA Monthly Statistics

The Time is Now!



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Air Carrier Fatality Rates/Targets Fatalities per 100 Million Persons on Board

FY25 Year-to-date Fatalities - 0

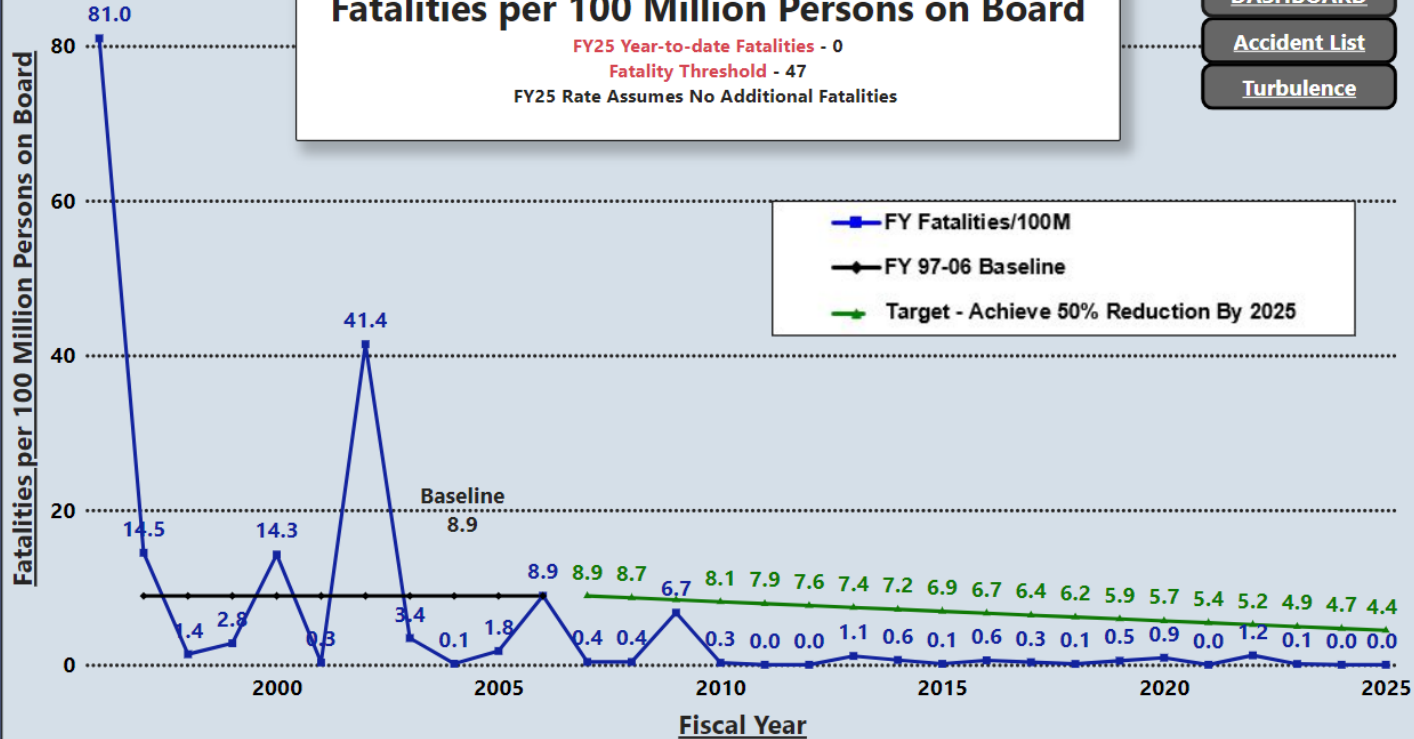
Fatality Threshold - 47

FY25 Rate Assumes No Additional Fatalities

[DASHBOARD](#)

[Accident List](#)

[Turbulence](#)





Investigate to Prevent



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A Global Team



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- **Figure out what happened to prevent it from happening again**
- **Collaboration—and trust—at all levels helps us to do it as quickly as possible**
- **Safety Culture: The “blame game” doesn’t work**



Investigators at Work



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- **Sharing of information/data immediately to all parties accelerates the path to answers**



What We've Learned



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- Yeti Airlines Flight 691
- January 15, 2023
- Pokhara, Nepal
- ATR 72-211A (9N-ANC)

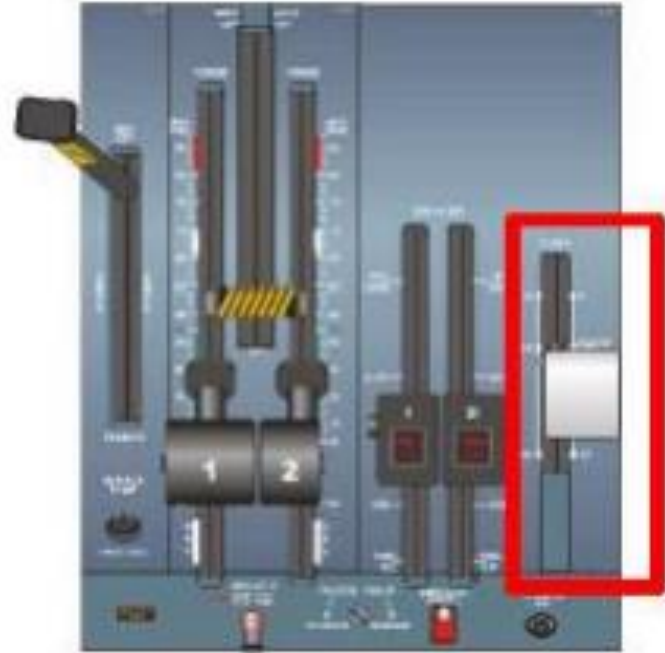


Fig: 27 location of flap lever (Source-ATR)

- **FAA Safety Recommendation Program**
- **FAA Lessons Learned Website**
- **SKYBrary.aero**



Global Data Map to Decode FDRs

- Data maps are required to convert “1s and 0s” into meaningful engineering data (airspeed, feet, degrees, etc.)
- Today, no universal library exists
- Proof of concept is built
- Beta testing starts next year

Proactive Safety

- We have the haystack. How do we find the needle?
- Forensic to proactive safety with ASIAs
- AI and Natural Language Processing



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Thank you!



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