



National Transportation Safety Board

Alaska Part 135 Operations: Safety Priorities

Alaska Part 135 Flight Operations: Charting a Safer Course

Anchorage, Alaska

September 6, 2019

Agenda

Alaska Part 135 accident data

Safety issues identified by accident investigations

Safety recommendations to prevent future accidents

Collaboration on safety

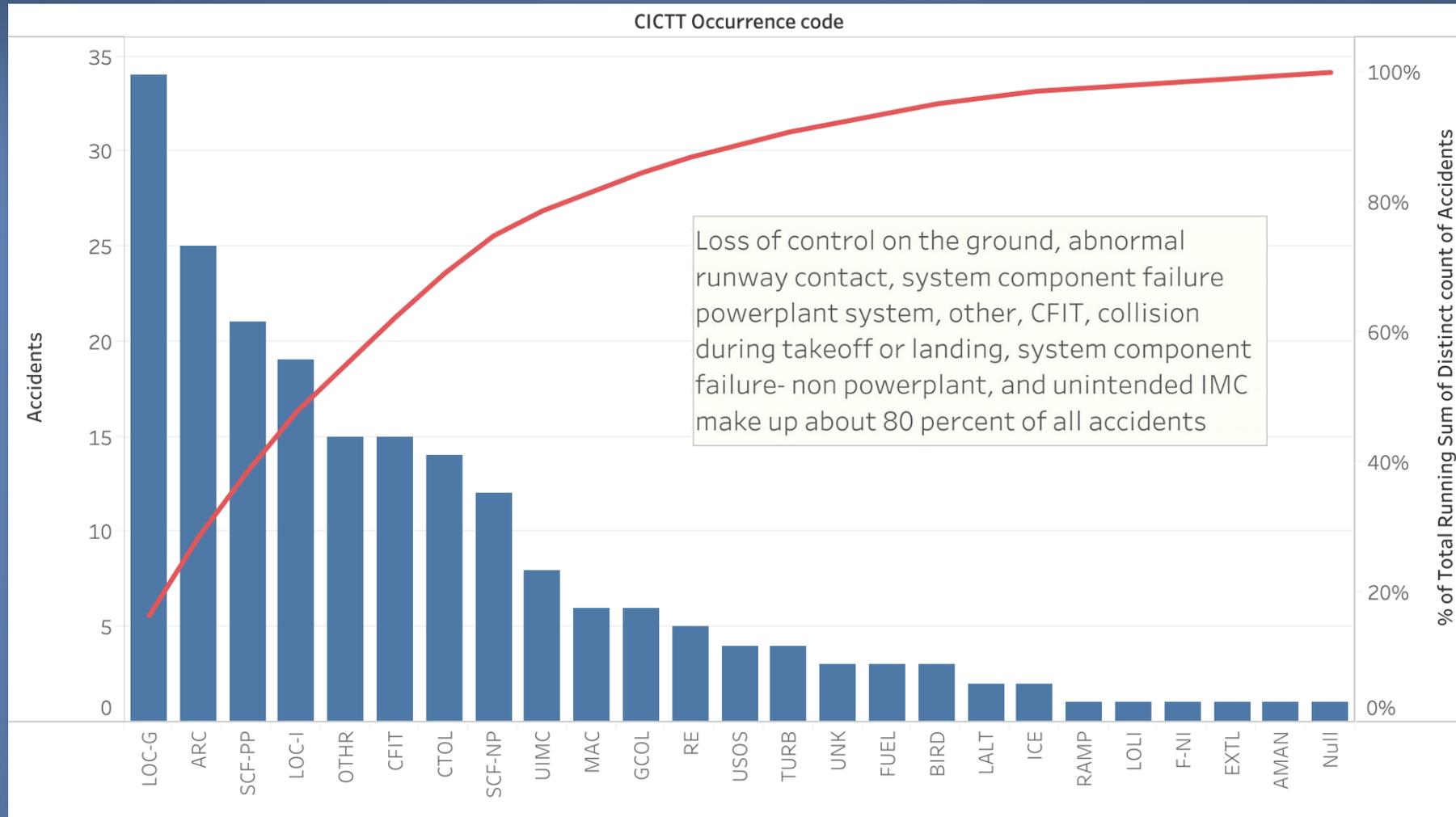


“There are no mistakes or failures, only lessons.”

- Denis Waitley

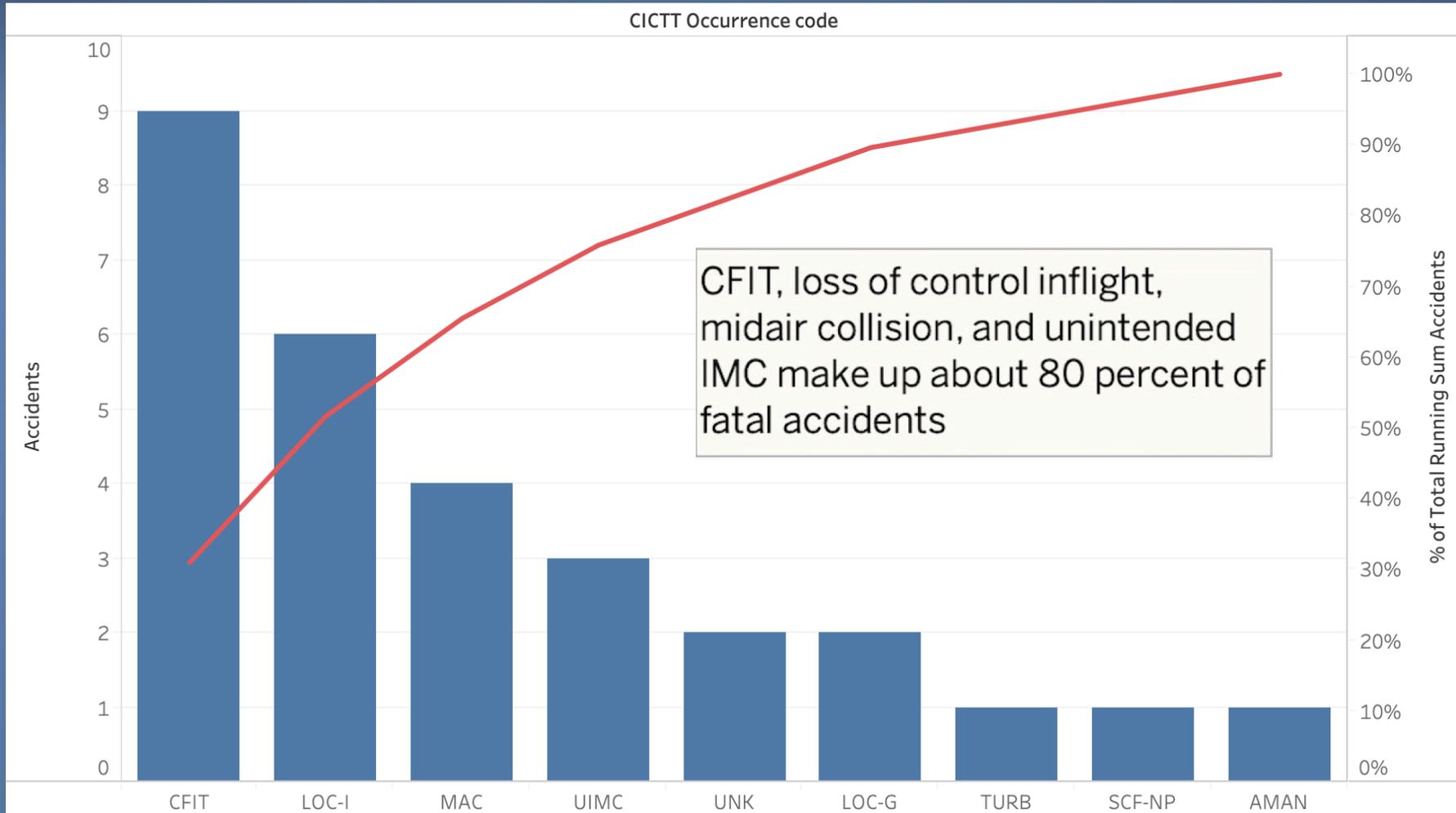
All Part 135 Alaska Accidents

Accident data from January 1, 2008 to August 12, 2019



Fatal Part 135 Alaska Accidents

Accident data from January 1, 2008 to August 12, 2019



Managed Weather Risks

CFIT accidents continue to occur through lack of appropriate weather risk assessment.



CFIT-Avoidance Training

Improvements needed to CFIT-A training curriculums



TAWS Use

Limitations with nuisance alerting and inhibit capability



Weather Minimums

Non-adherence with SOPs and inadequate weather minimums

Key Takeaway

Improved CFIT-A training curriculum, operational optimization of TAWS, conservative weather minimums, and implementation and compliance with SOPs will decrease CFIT accidents

Operational Monitoring

Investigations reveal deficiencies in operational monitoring.



Data Monitoring

Flight data not being used to monitor operations



Mitigating Risks

Unable to identify emerging threats and prioritize mitigations



Safety Assurance

Unable to validate operational effectiveness of risk reduction actions

Key Takeaway

Through implementation of consistent data monitoring, emerging threats will be readily identified with a key component in place for safety assurance

Safety Management Practices

With ineffective safety management, safety culture suffers.



Safety Policies

Policies focused on less productive outcomes for safety



Safety Risk Assessment

Unable to prioritize resources on most effective actions for safety



Lessons Learned

No means to leverage regional insights across operator community

Key Takeaway

By adopting consistent safety management practices, safety culture can lead throughout an organization with adherence to appropriate safety policies and building upon lessons learned

Preventing the Next Accident

Adoption of safety practices within organizations will prevent similar accidents.

Managed
Weather Risks
(*CFIT-A Training*)

Operational
Monitoring
(*FDM Programs*)

Safety
Management
Practices
(*SMS*)

Collaboration on Safety

Through collaboration, safety enhancements can be developed to increase safety.



**ALASKA PART 135
FLIGHT OPERATIONS
CHARTING A SAFER COURSE**



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