



Osprey Flight Solutions

A new age for aviation risk management

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Greatest Threats to Global Air Transport

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Private & Confidential



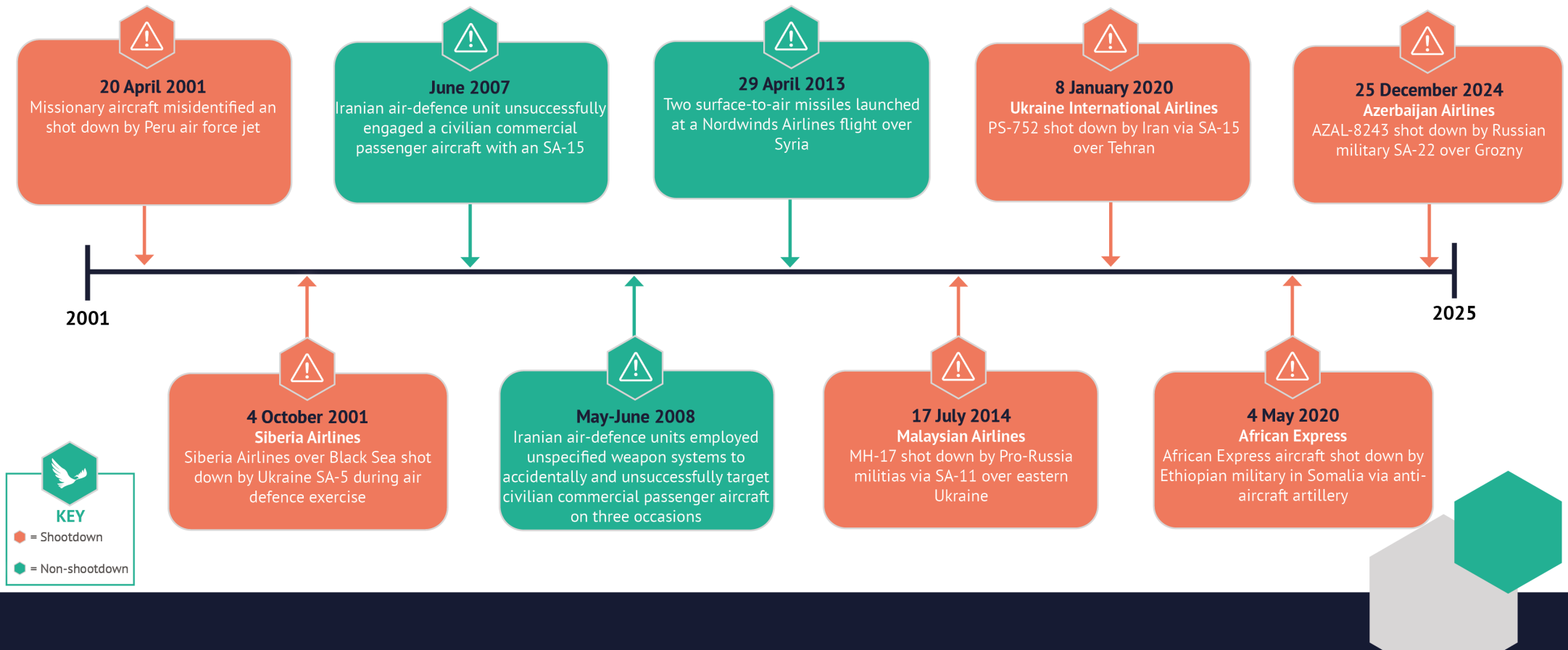
Flight Safety Foundation

Case Study

Misidentification of Commercial Airliners



Since **2001** there have been **9** shootdowns/ near miss shootdowns of commercial aviation aircraft





Risk identification...?

Exposure...?

Vulnerability...?

Conflict Zone.....?

Hazard...?

Threat...?

Mitigation....?

RISK.....?

Exposure...?

Risk analysis...?

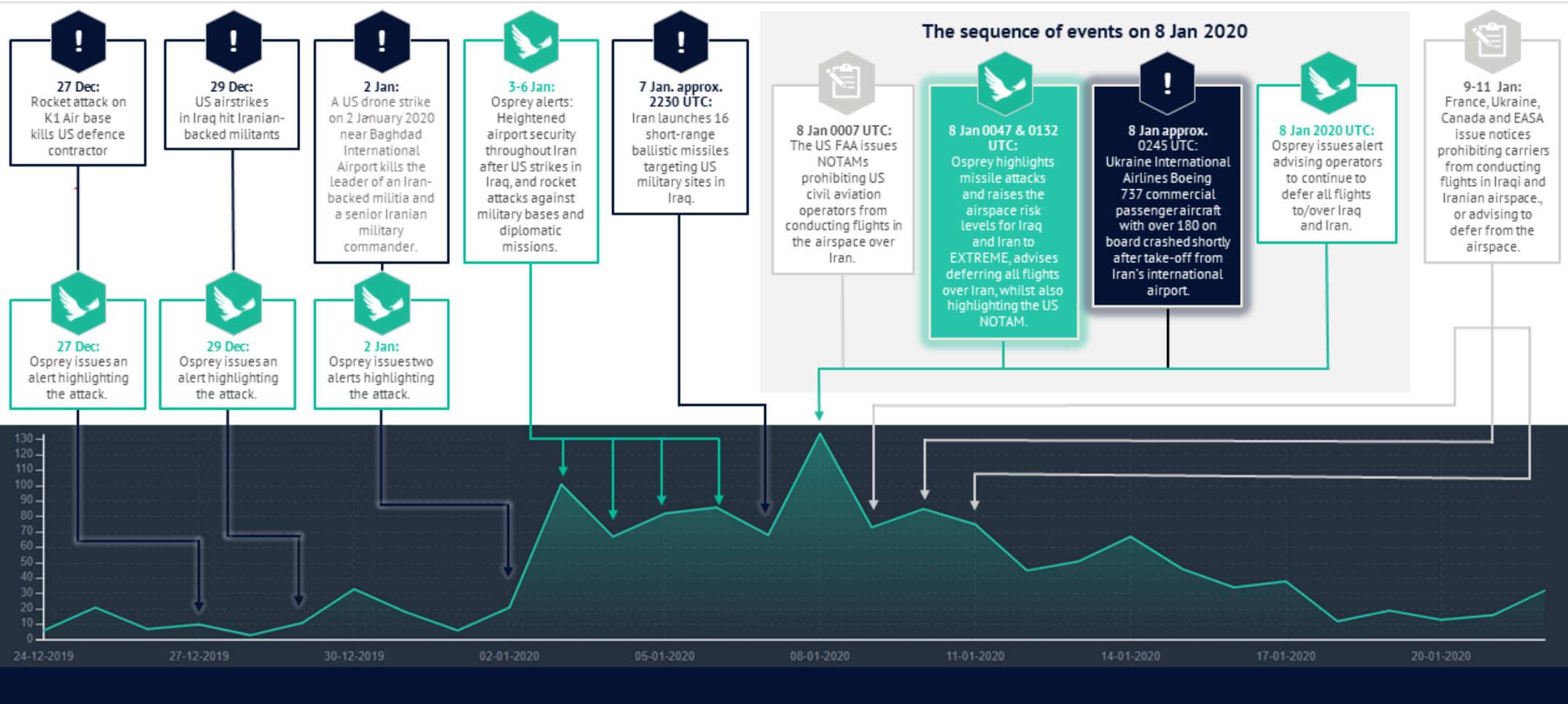


Conflict Zone.....?



RISK.....?

Flight PS-752 Event Timeline Dec 2019 - Feb 2020



World Overflight Risk Conference 2024



About the Event

This inaugural event aimed to unite the global aviation community, providing a platform to collectively address and navigate the dynamic challenges posed by overflight risk.

Who Attended?



Airlines



Regulators

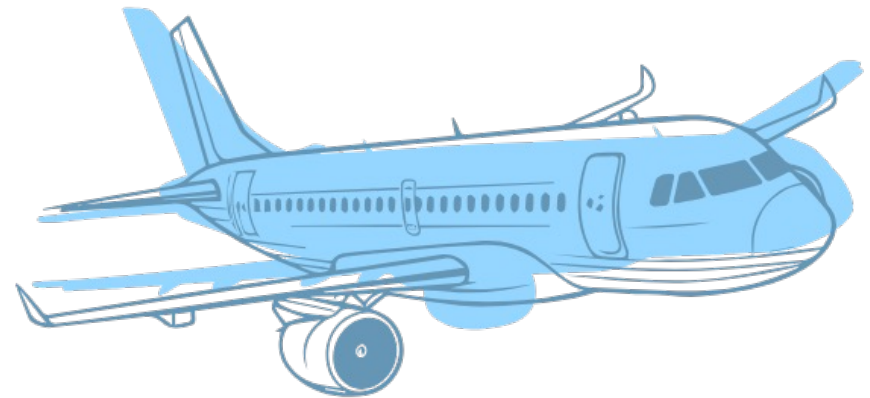


Insurers

WORC2024 Key Takeaways



1. Lack of standardisation and consistency, along with an inconsistent approach to managing overflight risks
2. Over-reliance on state-sourced intelligence
3. Inefficient manual processes hindering effective risk management
4. Reactive, undocumented decision-making increases legal vulnerability





The Need for Standardisation

Unified Definitions and Risk Levels

- ICAO and IATA must agree on standardised terminology and methodology.

Mandatory Civil-Military Coordination Protocols

- Especially in regions of known military tension or active operations.

Leverage OSINT and Technology

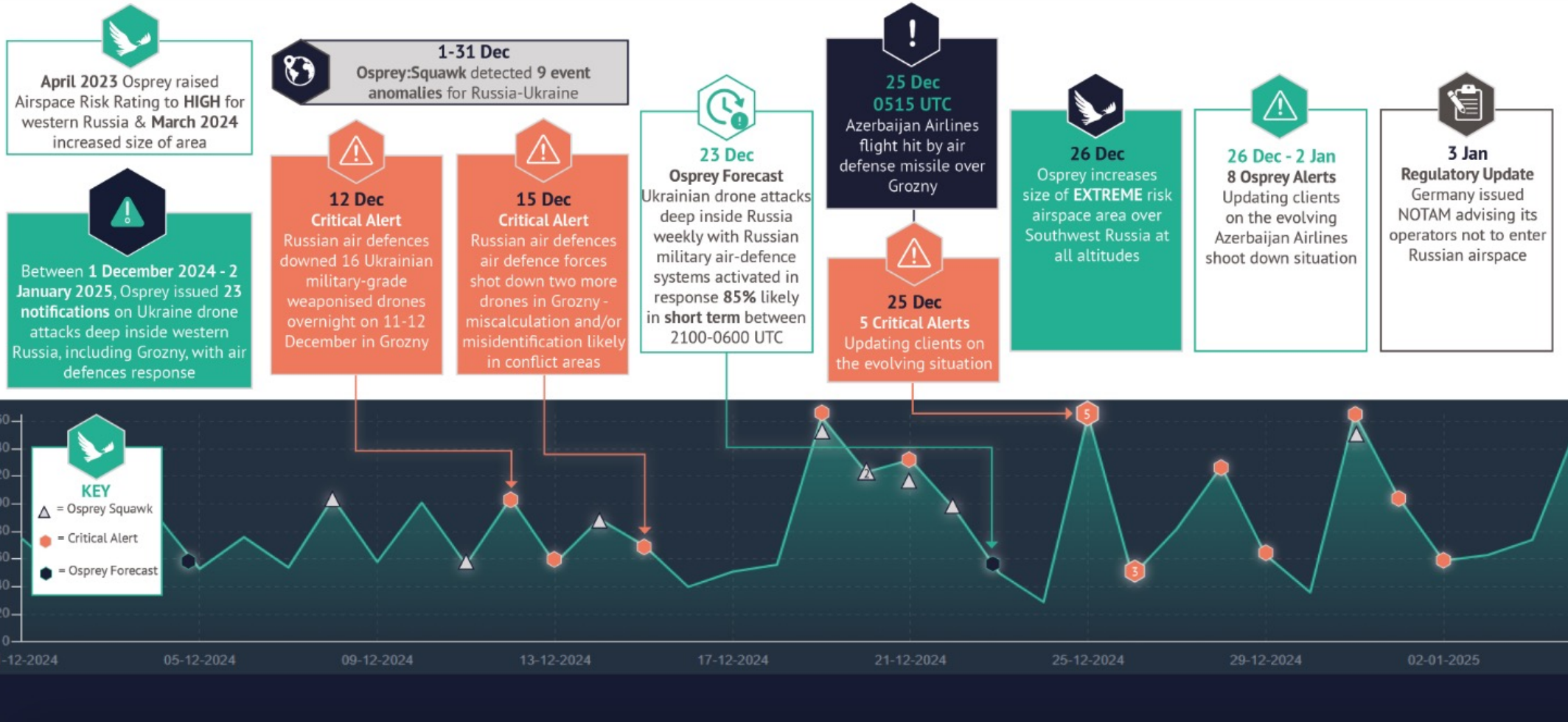
- Predictive Intelligence and Dynamic Risk Monitoring

Airspace Governance Reform

- Independent international oversight when states fail to proactively close airspace during periods of risk.

Case Study

Russian Misidentification & Shootdown of Airliner





Mitigation Strategies for Underwriters

Push for Policy Clauses that Account for Political and Conflict Risk

- Tailored endorsements covering sovereign responsibility, closure obligations, and liability in conflict zones.

Encourage Clients to Use Independent Risk Intelligence Providers

- Predictive Intelligence (Forecasting) and Dynamic Risk Monitoring.

Demand Evidence of Pre-Flight Risk Assessment

- Technology enables systematic risk assessment of every single flight operation

Collaborate with Aviation Regulators

- Participate in the development of unified standards and advocate for enforceable international guidelines.



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Any Questions?

