Compliance with ICAO SARPS and adoption of best international practices on AIM

NACC/WG 9 – WP25
Presented by IATA

Lack of Trigger NOTAM Publication for AIP Supplements

Background : Airlines rely on automated systems for flight operations.

Dependency : These systems require accurate and timely information from Aeronautical Publications (AIP, AIP SUP, AIC, etc.).

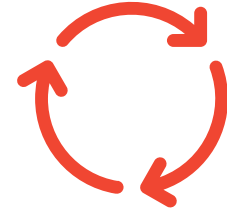**Challenge** : Verifying every publication for each of the thousands of daily flights is not feasible.

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The Role of Trigger NOTAMs

Essential Information:
Trigger NOTAMs
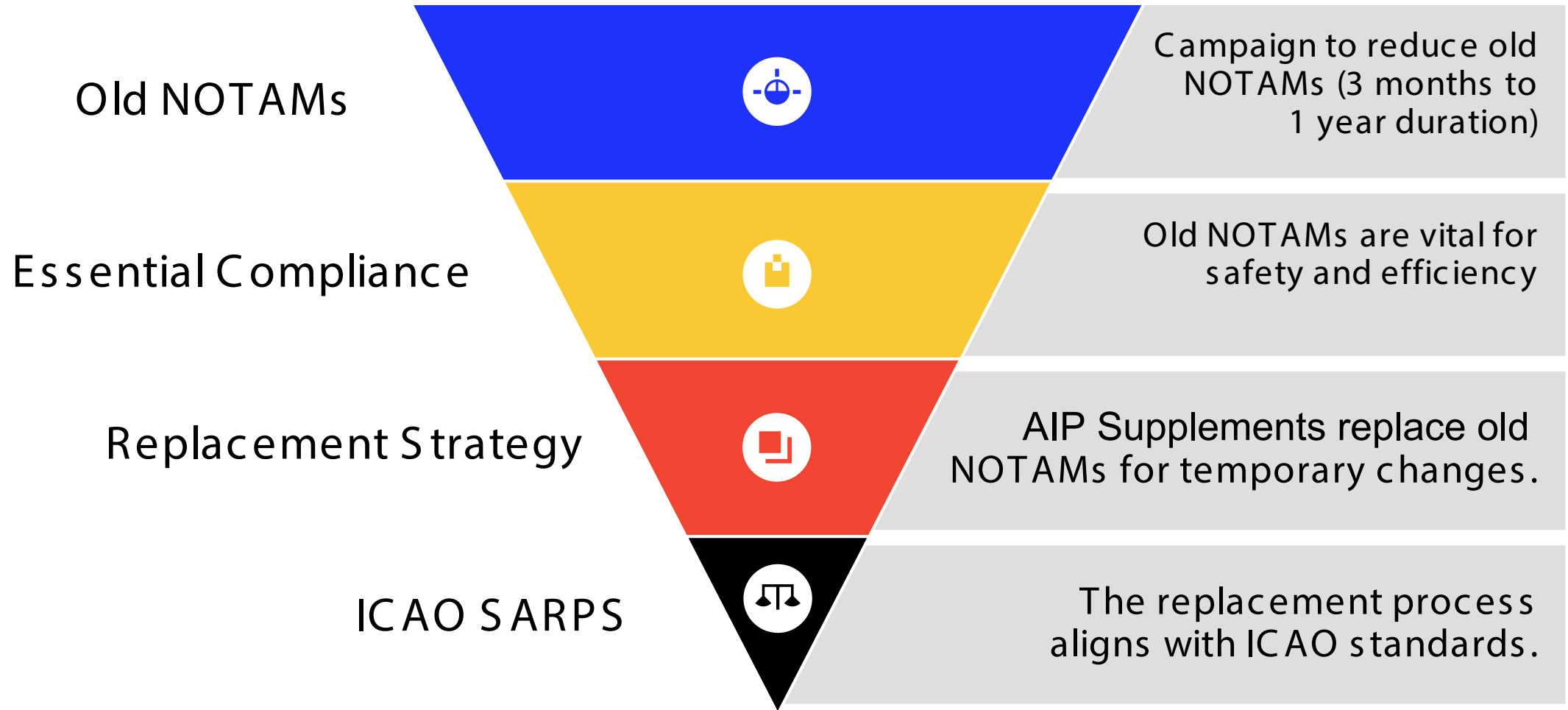provide critical data for
automated systems.

AIP Supplements: Often
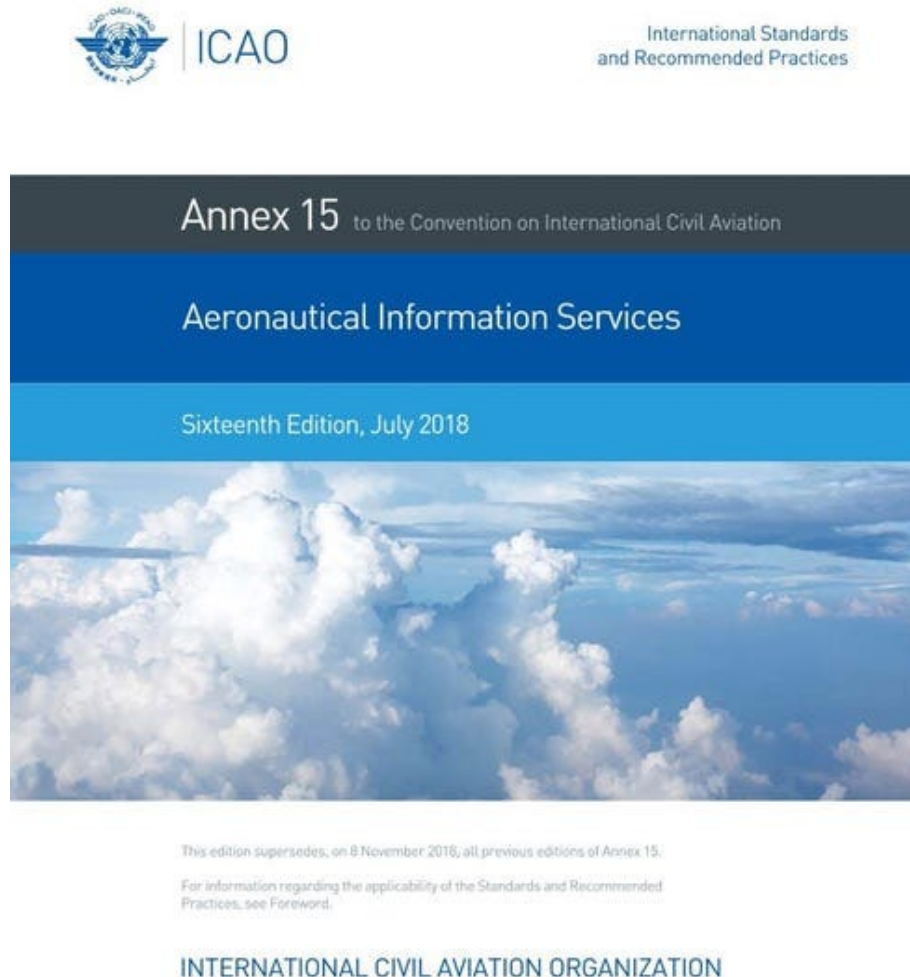"hidden" on ANSPs'
websites or in paper
format.

AIRAC Cycle: Some AIP
supplements do not
follow the AIRAC cycle,
impacting flight planning.

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Balancing Safety and Efficiency

Old NOTAMs — Campaign to reduce old NOTAMs (3 months to 1 year duration)

Essential Compliance — Old NOTAMs are vital for safety and efficiency

Replacement Strategy — AIP Supplements replace old NOTAMs for temporary changes.

ICAO SARPS — The replacement process aligns with ICAO standards.

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Ensuring Proper Publication

ICAO | International Standards and Recommended Practices

Annex 15 to the Convention on International Civil Aviation

Aeronautical Information Services

Sixteenth Edition, July 2018

This edition supersedes, on 8 November 2018, all previous editions of Annex 15.

For information regarding the applicability of the Standards and Recommended Practices, see Foreword.

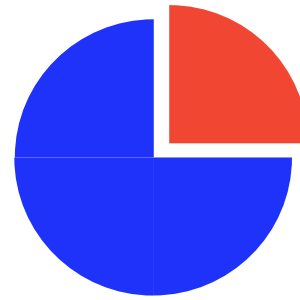INTERNATIONAL CIVIL AVIATION ORGANIZATION

ICAO Annex 15: Trigger NOTAMs must adhere to Annex 15 guidelines.

PANS-AIM: Consistent publication practices are crucial.

ICAO Doc. 8126: Comprehensive guidance on trigger NOTAM publication (item 6.7).

Conclusion

Trigger NOTAMs bridge the gap between AIP Supplements and automated systems.

Safety and Efficiency: Proper publication ensures both.

Absence of AIP's English Version

Challenge : Lack of an English version of aeronautical information, primarily AIP (Aeronautical Information Publication), in some States.

Impact : These systems require accurate and timely information from Aeronautical Publications (AIP, AIP SUP, AIC, etc.).

Flight Plan Service Providers : Struggle to insert relevant information into automated systems and products.
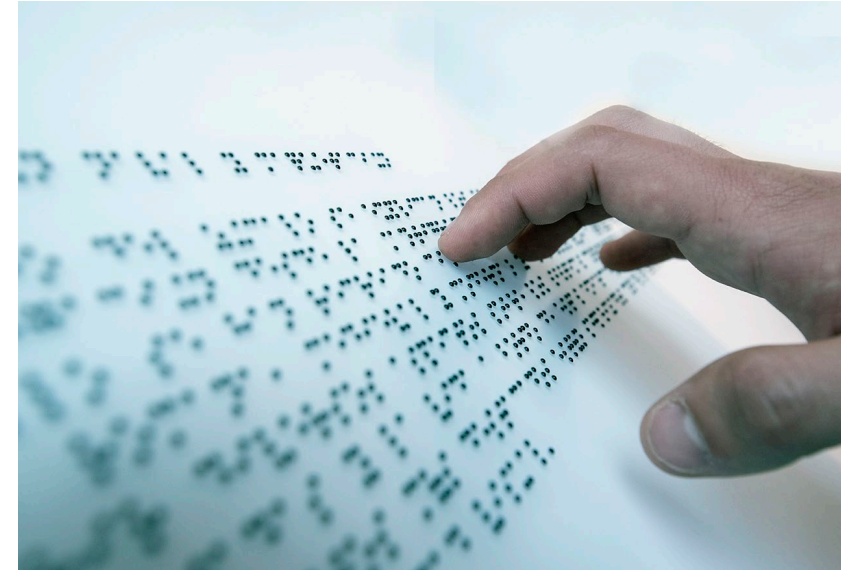
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Importance of Airport Briefings

Airport Briefings are crucial for pilots, especially when operating in specific airports with complex operations.

Pilots often operate in a specific airport only a few times a year.

Lack of English AIP and correlated aeronautical information hinders the availability of comprehensive airport briefings.

Safety Implications

- Critical Situations: During emergencies or when initiating operations in a State or specific airport, airlines rely on English aeronautical information.

- Poor Planning: Absence of English information leads to suboptimal planning, potentially compromising safety.

- Hazards: Unnecessary risks to air navigation may arise.

International Standards

- ICAO Annex 15 Standard: English versions of aeronautical information products are essential for international distribution (item 1.3.1).

- Supporting Documents:
  - DOC 10066 (PANS-AIM): Emphasizes the need for English version products.
  - DOC 8126: Provides guidance on aeronautical information management.

Conclusion

Addressing the Gap: States should prioritize creating and maintaining English versions of AIPs.

Collaboration: Airlines, pilots, and aviation authorities must work together to ensure safety and efficiency.

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Availability of Digital Aeronautical Products

Importance of Digital Aeronautical Information : Transition from paper-based to data-centric and digital AIM (Aeronautical Information Management).

Global Air Traffic Management (ATM) : Integration and responsiveness rely on this migration.

Foundation for Safe and Efficient Air Navigation : Availability of aeronautical information products in digital format.

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Challenges with Subscription -Based Models

Outdated Approach: Need for subscriptions for paper-based or digital aeronautical information products.

21st Century Air Navigation: Automated systems and online information are the norm.

Cost Considerations: Web-based digital products can be made available free of charge or covered by air navigation charges.

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Benefits of Web-Based Digital Aeronautical Information

Essential for All Airspace Users:

- Airlines: Access to comprehensive and up-to-date information.

- Efficient Integration: Aeronautical information providers can seamlessly incorporate data into automated systems, navigation databases, and charts.

Air Navigation Safety: Digital information ensures accurate planning and reduces risks.

Timeliness: Faster availability after State publication.

International Standards and Guidance

ICAO DOC 8126: Emphasizes the shift toward digital AIM.

Free and Accessible: Aligns with modern air navigation practices.

Appendix B: References from ICAO documentation.

Suggested Actions:

The Meeting is invited to:

a) Take note of the information presented in this Working Paper;

b) Urge States to comply with ICAO SARPS, PANS and Guidance Material related to trigger NOTAMs and English version of Aeronautical Information products.

c) Urge States to make available a web-based digital Aeronautical Information products, without need of subscription or payment.

Thank You

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