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# SYMPOSIUM ON ASSISTANCE TO AIRCRAFT ACCIDENT VICTIMS AND THEIR FAMILIES

26-28 NOVEMBER 2024 // HAARLEM, NETHERLANDS

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## AAAVF TALKS

### Navigating Conflict Zones – Improving Flight Safety

**Kas Beumkes**

*Senior Aviation Policy Advisor, Ministry of Infrastructure and Water Management, The Netherlands*

**Katia Canciani**

*Head, Conflict Zone Information Office, Civil Aviation, Transport Canada*



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→ 2015, MH17 Crash

→ 2019, Flying over conflict zones

→ 2021, Safe flight routes





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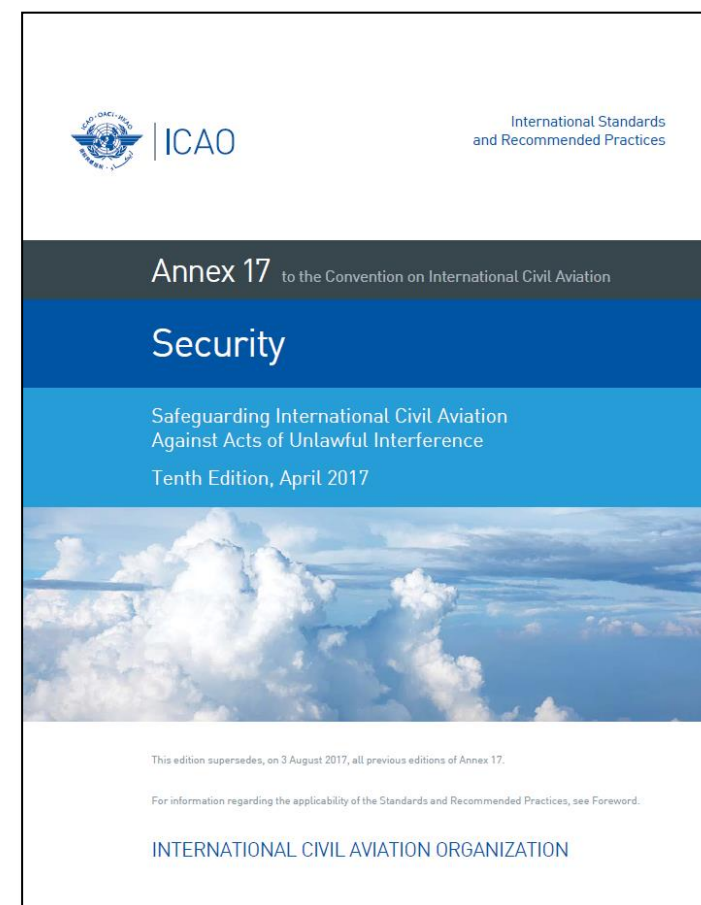
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## Annex 17 - Security

Published (2017): Expanding existing State requirement to constantly review, **besides** the level, also **the nature** of the threat to civil aviation in its territory **and the airspace above**

New requirement (Nov 2018): **the appropriate authority to establish and implement procedures to share, as appropriate, relevant information with operators, ANSPs or other entities concerned in a practical, timely manner to assist them to conduct security risk assessments relating to their operations**







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## Annex 6 – *Operation of Aircraft*, Part I

### New requirement (2020)

- **Operator ensures to conduct before the flight a risk assessment for the entire flight plan route, including alternates, and when necessary to take mitigating actions**
- Note with reference to new *Risk Assessment Manual for Civil Aircraft Operations Over or Near Conflict Zones* (Doc 10084)



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International Standards  
and Recommended Practices

Annex 6 to the Convention on International Civil Aviation

Operation of Aircraft

Part I — International Commercial Air Transport — Aeroplanes  
Tenth Edition, July 2016



This edition supersedes, on 10 November 2016, all previous editions of Part I of Annex 6.

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

INTERNATIONAL CIVIL AVIATION ORGANIZATION



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## **Annex 11 – Air Traffic Services**

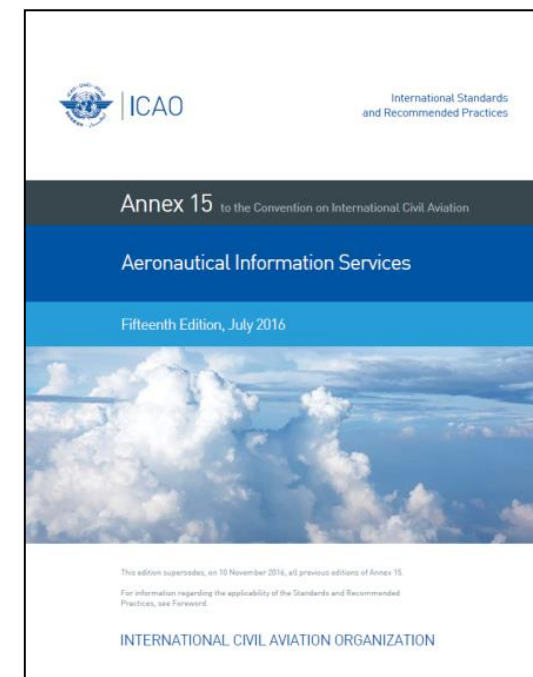
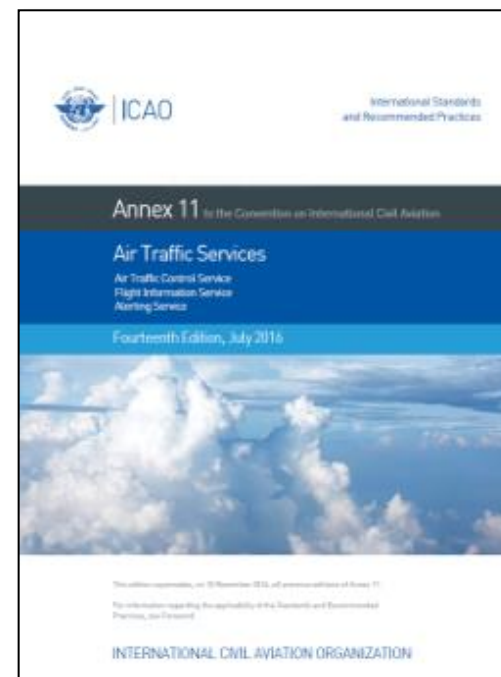
## **Annex 15 – Aeronautical Information Service**

### New requirements (2020)

ATS ensures to conduct a risk assessment of airspace concerned for hazardous activities to civil aircraft and take mitigating actions when necessary

Conflict zone is a reportable hazard for civil aviation in NOTAM, include nature, extent of threat, and consequences

Note with reference to Doc 10084





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## ***Risk Assessment Manual for Civil Aircraft Operations Over or Near Conflict Zones (Doc 10084)*** ***Manual of Civil-Military Cooperation in Air Traffic Management (Doc 10088)***

### *Improved Guidance*

#### **2<sup>nd</sup> Edition Doc 10084 (2018)**

- Improved ICAO framework and procedures
- Responsibilities of all stakeholders
- Consolidated source material for risk assessments
- Risk information sharing mechanisms
- Guidance what to do with threat and risk information
- Best practices

#### **New Edition Doc 10088 (2020)**

- Responsibilities of CIV-MIL parties
- Establish joint high-level policy body for oversight







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## International



**Expert group on Risk  
Information overflying  
Conflict Zones (EGRICZ)**

## National



Ministry of Infrastructure  
and Water Management





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## International



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## European



- EU integrated Risk Assessment Process
- Conflict Zone Information Bulletin (CZIB)

## National



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**National expert group  
state - airlines**



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## OUTLINE



### Safer Skies Initiative

- Our Mission
- Safer Skies Consultative Committee
- Our Work
- Safer Skies Forum



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## SAFER SKIES INITIATIVE

### Our Mission

- Established by Canada following the downing of Ukraine International Airlines Flight PS752.
- Brings states, international organizations, the civil aviation industry, and the International Civil Aviation Organization (ICAO) together to enhance the level of safety and security for commercial airlines travelling over or near conflict zones.





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## SAFER SKIES INITIATIVE

### Safer Skies Consultative Committee

- Established as a core element of the Safer Skies Initiative, dedicated to advancing global efforts to mitigate risks posed by conflict zones.
- Composed of subject-matter experts from key states, organizations and industry partners, working in close collaboration with the ICAO on conflict zone initiatives.
- Led by Canada as Chair, with the United Kingdom as Vice-Chair.
- Includes 18 Members and an unlimited number of Observers, ensuring a diverse network of Representatives from all regions around the world.



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## SAFER SKIES INITIATIVE

### Safer Skies Consultative Committee – Functions (1 of 2)

1. To **support the work** of individual States, regional State mechanisms, the International Air Transport Association regional coordination groups, air operators, industry associations and international organizations on all matters pertaining to conflict zones;
2. To **promote best practices** to regulators, Air Navigation Service Providers and Air Operators regarding risk assessments and mitigation strategies for conflict zones;



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## SAFER SKIES INITIATIVE

### Safer Skies Consultative Committee – Functions (2 of 2)

3. To enable information-sharing and a broader dialogue between relevant parties on current issues and way-forward for mitigation strategies; and,
4. To **advocate for** the consideration of, modifications to, and **implementation** of ICAO Standards and Recommended Practices and/or other ICAO conflict zone-associated guidance documents.





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## Safer Skies Consultative Committee – Our Work

### Completed

- Working Paper – 41<sup>st</sup> ICAO General Assembly
- Review of Doc 10084, including:
  - Principles for reassessing airspace post-conflict
  - Precautionary principle
  - Guiding principles for airspace closure
  - Rapid info sharing mechanism & baseline awareness
  - Mitigation strategy inventory
- Gap analysis
- Safer Skies Forum (2020, 2022, 2023)

### Under development

- Innovation in Risk Assessment
- Development and delivery of Regional Awareness Seminars n Doc 10084– collaboration with ICAO
- Information Paper in support of ICAO's Contingency Coordination Team (CCT)
- 4<sup>th</sup> Safer Skies Forum (2025)

### Future dated

- Review of ICAO material on civ-mil deconfliction
- Review of Doc 10084
- Develop 'Exercise-in-a-Box'
- Mentorship Program





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## Safer Skies Forum

- Global event solely dedicated to bringing together civil aviation stakeholders to discuss the processes required to better manage the shared risks conflict zones pose to global civil aviation operations.
- Canada hosted the first two Forums (December 2020 and March 2022) and co-hosted the third with the Dutch Ministry of Infrastructure and Water Management in 2023.
- The 4<sup>th</sup> Forum is being held in Marrakech, Kingdom of Morocco in April 2025.

### 4<sup>th</sup> SAFER SKIES FORUM SAVE THE DATE

**April 8-10, 2025  
Marrakech, Morocco**

**OVERFLYING CONFLICT ZONES:  
CONTINGENCY PLANNING AND MITIGATION STRATEGIES**

The Kingdom of Morocco and Canada, together with the Safer Skies Consultative Committee, are pleased to be co-hosting the 4<sup>th</sup> Safer Skies Forum.

**FORMAT**  
Interactive in-person event with online plenary sessions.

**REGISTRATION**  
A registration link will be shared in the coming months along with a program outline.

**CONTACT**  
For more information, please contact us:  
[SaferSkiesForum-ForumSurLaSecuriteAerienne@tc.gc.ca](mailto:SaferSkiesForum-ForumSurLaSecuriteAerienne@tc.gc.ca)



المملكة المغربية  
وزارة النقل والبنية التحتية  
KINGDOM OF MOROCCO  
MINISTRY OF TRANSPORT AND LOGISTICS



Government of Canada  
Gouvernement du Canada



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# AAAVF Talks

## key messages

1

States, air operators and air navigation service providers have a better understanding of applicable Standards And Recommended Practices about conflict zone risk management.

2

More States, air operators and air navigation service providers are using more mitigation measures, in a timelier manner, than before the downing of PS752.

3

States, international organizations and airlines are more aware of the risks of flying routes over or near conflict zones.

Speaker: Katia Canciani and Kas Beumkes

State/Organisation: Mot Canada and Netherlands





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# AAAVF Talks

## key messages

4

Airlines are able to gather threat information from multiple information sources.

5

Information sharing takes place on a regular basis through contact groups or on an ad hoc basis on rapidly escalating conflict situations.

Speaker: Katia Canciani and Kas Beumkes

State/Organisation: MoT Canada and Netherlands