



ICAO

ICAO-ACI AERODROME SEMINAR on Airport Master Planning

29 - 30 June 2023 : Bangkok, THAILAND

Sponsors/Exhibitors:



**RUNWAY
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建業建築有限公司
CHINNEY CONSTRUCTION CO., LTD.



VANDERLANDE



ICAO | UNITING AVIATION

NO COUNTRY LEFT BEHIND



Overview of ICAO Provisions on Airport Master Planning

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29 June 2023, Bangkok, Thailand





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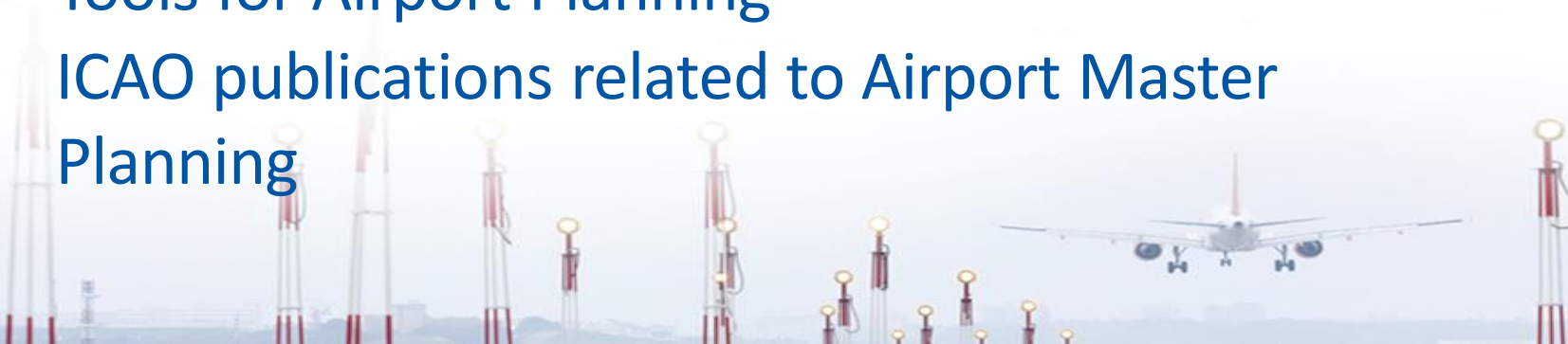
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Outlines

- International Obligations - Chicago Convention
- Airport Master Plan
 - ICAO Annex 14, Volume I
- Tools for Airport Planning
- ICAO publications related to Airport Master Planning





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International obligations

Doc 7300/9



**Convention on
International Civil Aviation**

**Convention relative à
l'aviation civile internationale**

**Convenio sobre
Aviación Civil Internacional**

**Конвенция о международной
гражданской авиации**

This document supersedes Doc 7300/8.
Le présent document annule et remplace le Doc 7300/8.
Este documento reemplaza al Doc 7300/8.
Настоящий документ заменяет Doc 7300/8.

Ninth Edition – Neuvième édition – Novena edición – Издание девятое — 2006

International Civil Aviation Organization
Organisation de l'aviation civile internationale
Organización de Aviación Civil Internacional
Международная организация гражданской авиации

The Chicago Convention (Doc 7300)





States Obligations

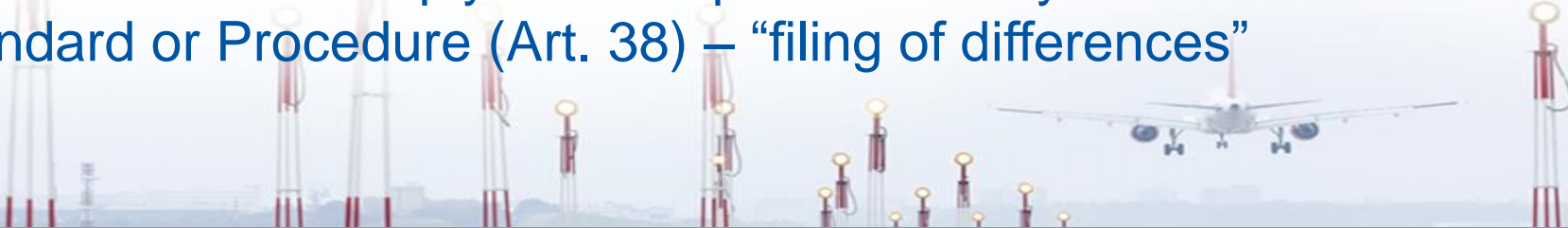
- Each State agrees to give uniform treatment to aircraft from other States when in their airspace or using their airports (Art. 11 & 15)
- Each State agrees to provide airports and air traffic services in conformance with standards and practices established under the Convention (Art. 28)

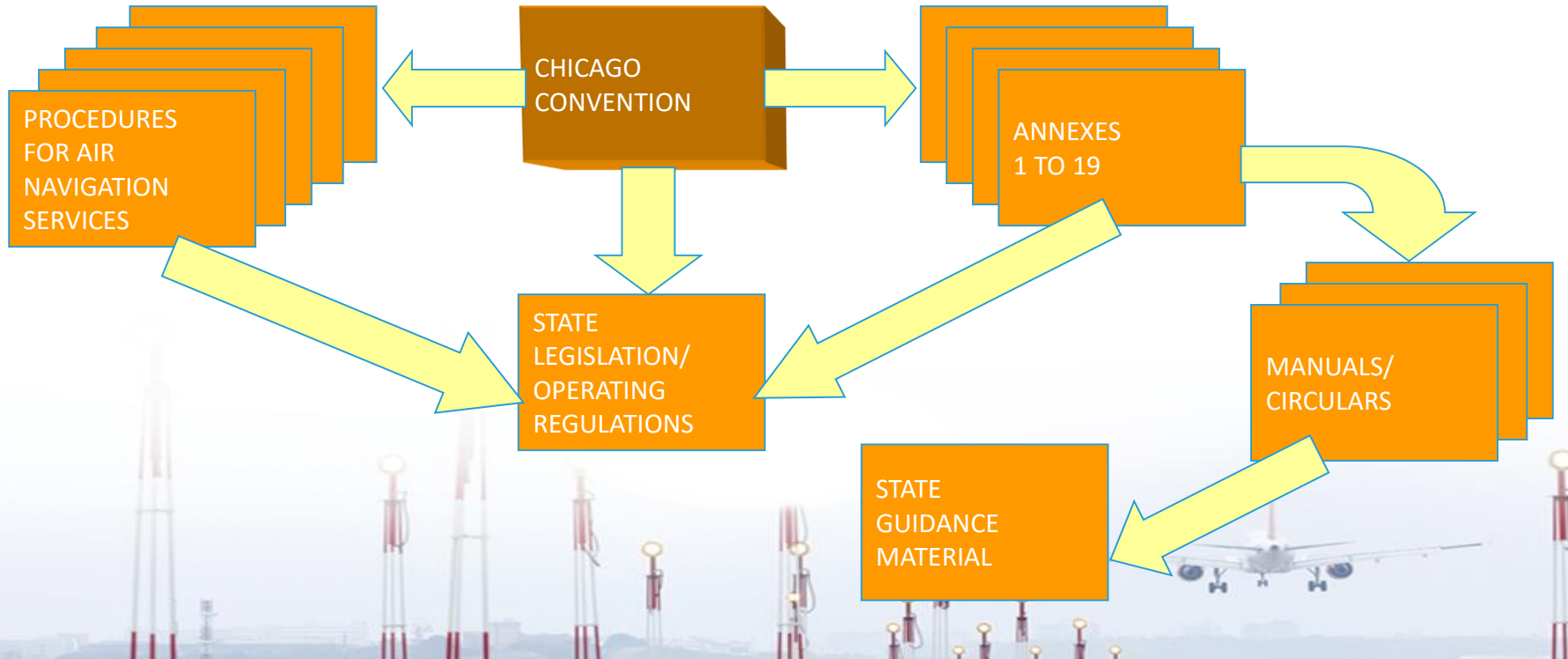




States Obligations

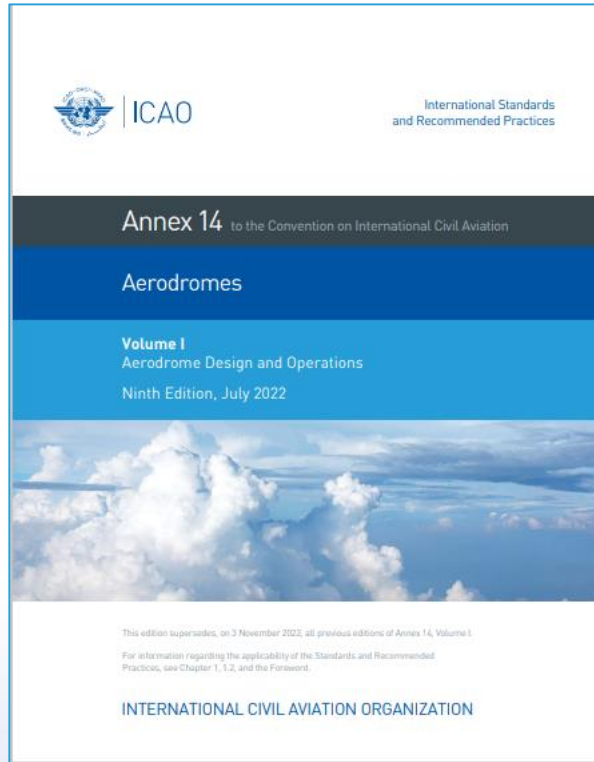
- Each State agrees to implement in their national regulations the International Standards and Recommended Practices (SARPs) and Procedures adopted by ICAO in order to ensure the highest practicable degree of uniformity (Art. 37)
- Each State is required to notify ICAO immediately if it finds it impracticable to comply in all respects with any International Standard or Procedure (Art. 38) – “filing of differences”







Airport Master Plan



- *Amendment 15 to Annex 14 Volume I, 8th Edition (2018)*
 - Adopted/Approved - 9 March 2020
 - Effective - 20 July 2020
 - Applicable - 3 November 2022
- **Annex 14, Volume I (9th Edition, 2022)**
 - 1.5 Airport design and master plan





Tools for Airport Planning

- Airport Planning Manual (Doc 9184), Part I – Master Planning
 - First Edition - 1967
 - General Revision - 1976
 - Second Edition - 1987
 - **Third Edition - 2023**
(Advance unedited)
- Airport Planning Manual (Doc 9184), Part II – Land Use and Environmental Management, Fourth Edition, 2018





Doc 9184, Part I – Master Planning, Third Edition

- SECTION ONE — AIRPORT PLANNING PROCESS
- SECTION TWO — AIRSIDE DEVELOPMENT
- SECTION THREE — LANDSIDE DEVELOPMENT
- SECTION FOUR — AIRPORT OPERATIONS AND SUPPORT ELEMENTS
- SEVEN APPENDICES





ICAO publications related to Airport Master Planning

Provided in Appendix B to Doc 9184, Part 1 –Master Planning

- *Annexes 9, 10, 14, 16 & 17*
- *PANS-Aerodromes (Doc 9981)*
- *35 Manuals : Aerodromes, Facilitation, SEC, CNS, ENV, Traffic Forecasting, Statistics, Charges, etc.*





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Thank You