



ICAO

ENVIRONMENT

ICAO Regional Seminar on CORSIA

Session 1: Overview of CORSIA

CORSIA Administrative Aspects and Timelines

ICAO Secretariat

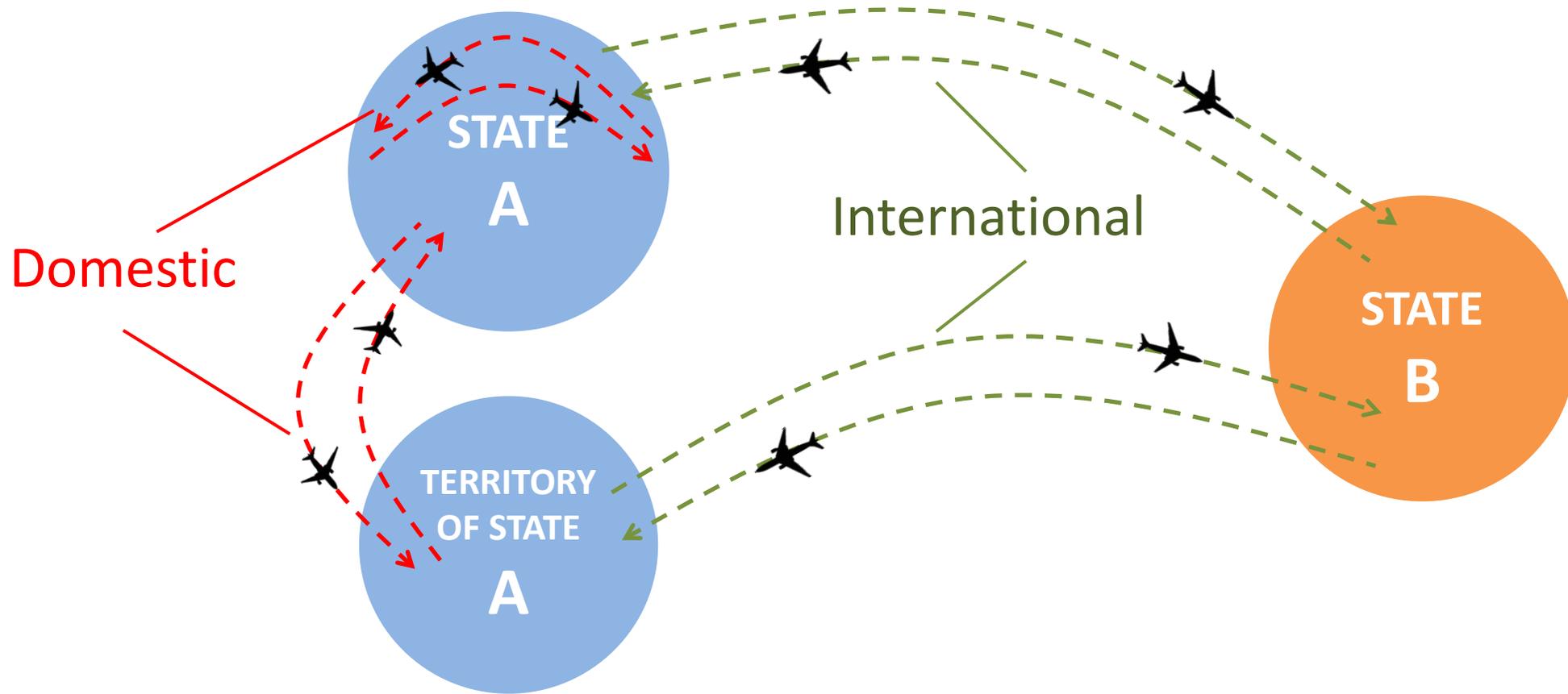


Draft Annex 16, Volume IV, Part II, Chapter 1 and Appendix 1:

- 1.1 Attribution of international flights to aeroplane operators
- 1.2 Attribution of an aeroplane operator to a State
- 1.3 State – Administrative Partnerships and Processes
- 1.4 Record keeping
- 1.5 Compliance periods and timeline (Appendix 1)

- Ensure completeness
 - Identify all applicable international flights
 - Emissions from all applicable international flights must be reported
- Avoid duplication
 - Each international flight is allocated to a single aeroplane operator
 - Each aeroplane operator is allocated to a single State

Definition of Flights in CORSIA

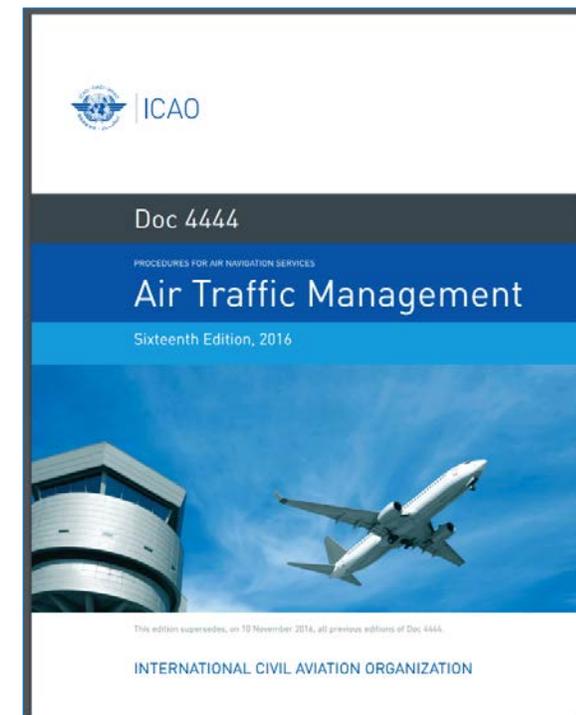


Attribution based on information in the flight plan form (see Doc 4444, ICAO model flight plan item 7 – Aircraft identification):

- ICAO designator, or
- Registration marks

Emissions Monitoring Plan code

If none of the above, attribution to the aeroplane owner

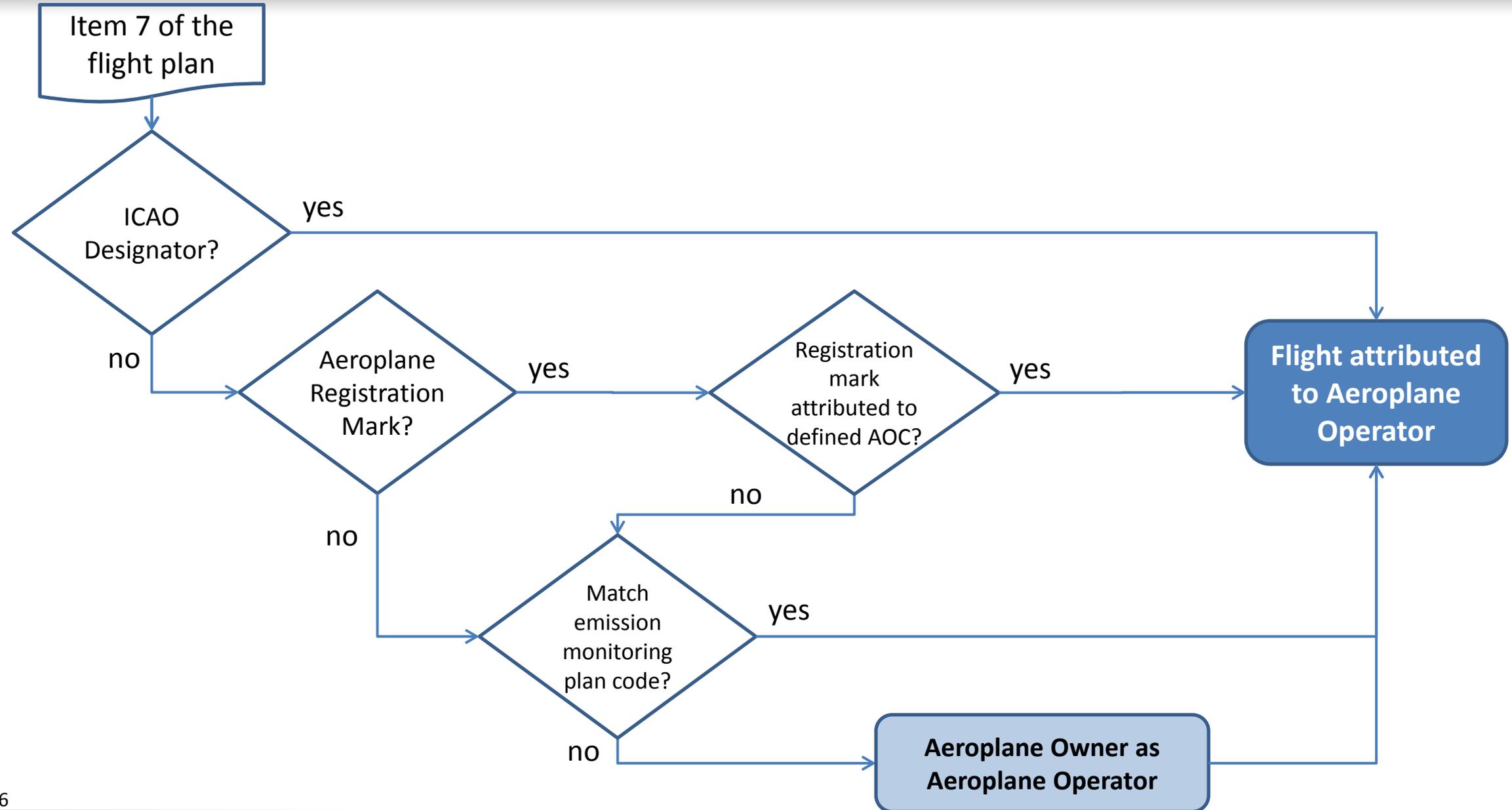


ICAO model flight plan form

FLIGHT PLAN PLAN DE VOL	
PRIORITY Priorité FF	ADDRESSEE(S) Destinataire(s)
FILING TIME Heure de dépôt	ORIGINATOR Expéditeur
SPECIFIC IDENTIFICATION OF ADDRESSEE(S) AND/OR ORIGINATOR Identification précise du(des) destinataire(s) et/ou de l'expéditeur	
3 MESSAGE TYPE Type de message (FPL)	7 AIRCRAFT IDENTIFICATION Identification de l'aéronef
9 NUMBER Nombre	8 FLIGHT RULES Règles de vol
13 DEPARTURE AERODROME	10 EQUIPMENT Équipement
TIME	WAKE TURBULENCE CAT. Cat. de turbulence de sillage



Decision Flowchart to Attribute International Flights



Attribution of an aeroplane operator based on:

- ICAO designator, or
- Air operator certificate, or
- Place of juridical registration

Reference: draft Annex 16, Volume IV, Part II, Chapter 1, paragraph 1.2.4

Each State shall submit to ICAO a list of aeroplane operators which are attributed to it – update regularly, as necessary

Reference: draft Annex 16, Volume IV, Part II, Chapter 1, paragraph 1.2.7

Recommendation: The State should use the ICAO document entitled “CORSA Aeroplane Operator to State Attributions”

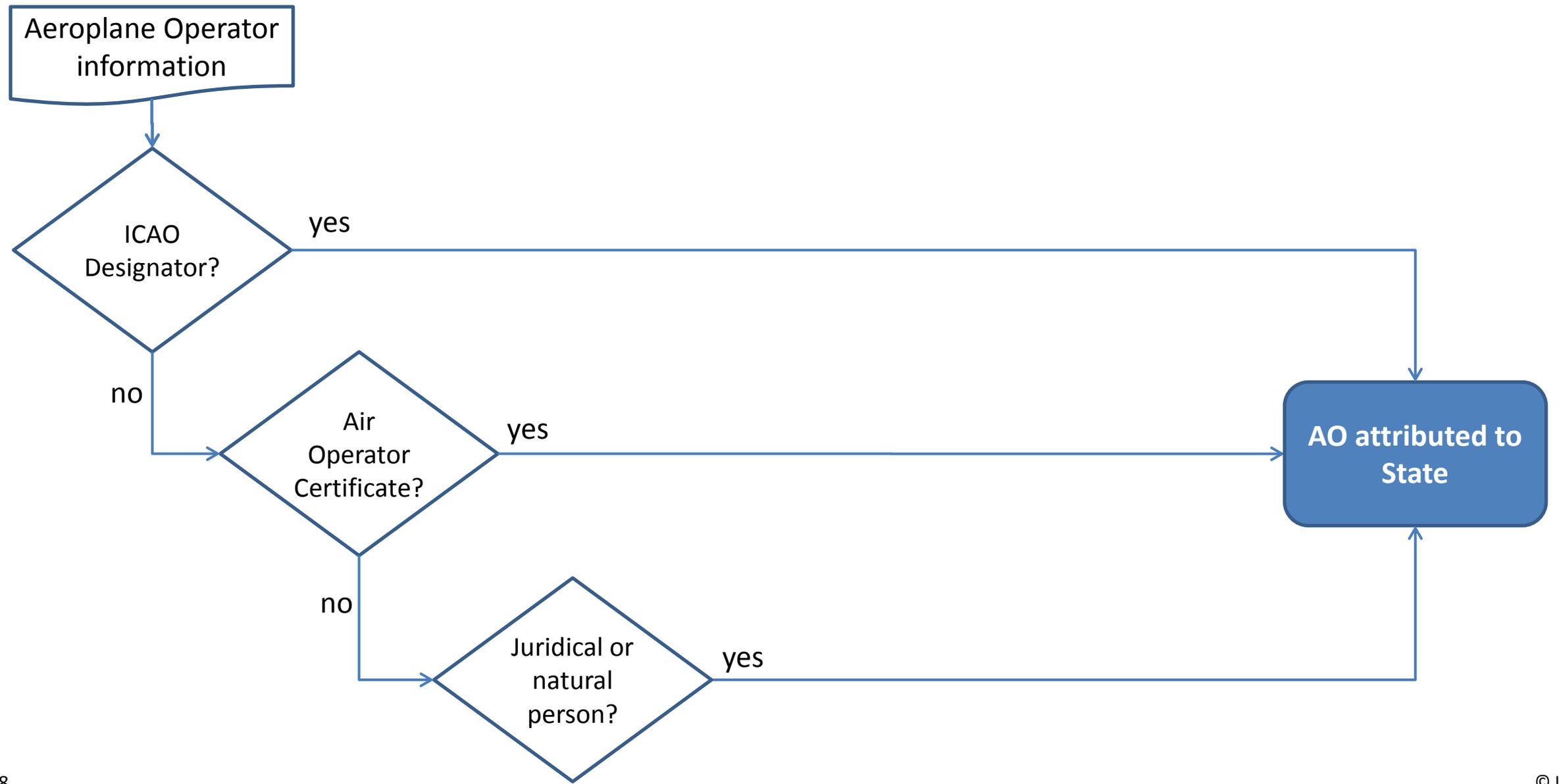
Reference: draft Annex 16, Volume IV, Part II, Chapter 1, paragraph 1.2.3

ICAO Doc 8585





Decision Flowchart to Attribute Aeroplane Operators



- The aeroplane operator with a wholly owned subsidiary aeroplane operator that is legally registered in the same State can be treated as a single consolidated aeroplane operator liable for compliance with the requirements of this Volume, subject to the approval of the State.
- Evidence shall be provided in the aeroplane operator's Emissions Monitoring Plan to demonstrate that the subsidiary aeroplane operator is wholly owned.

- Delegation of administrative processes
 - A State may delegate administration processes to another State through an Administrative Partnership based on Bilateral Agreement among the respective States.
 - A State shall not delegate enforcement of the requirements in this Volume, or their administrative tasks towards ICAO, to another State.

- Administrative partnerships (optional)
 - A State providing capacity support shall notify ICAO about the contracting administrating authorities scope and duration of the Administrative Partnership and a copy of the Bilateral Agreement.
 - A State receiving capacity support shall ensure that Aeroplane Operators are advised of the administrative arrangements prior to start of the Administrative Partnership and any potential changes thereafter.

Reference: draft Annex 16, Volume IV, Part II, Chapter 1, paragraphs 1.3.3, 1.3.5

- **Aeroplane Operator**
 - Keep relevant records for a period of 10 years

Recommendation: The aeroplane operator should keep records relevant to its CO₂ emissions per State pair during the 2019-2020 period in order to cross-check its offsetting requirements calculated by the State during the 2030-2035 compliance periods.

- **State**
 - Keep records relevant to the Aeroplane Operator's CO₂ emissions per State pair during the period of 2019-2020 in order to calculate the Aeroplane Operator's offsetting requirements during the 2030-2035 compliance periods.

- Compliance periods

- Five 3-year compliance periods starting in 2021:
 - 2021-2023 (Pilot phase)
 - 2024-2026 (First phase)
 - 2027-2029; 2030-2032; 2032-2035 (Second phase)



- Appendix 1 on timelines:

- Summarises administrative roles and responsibilities of the stakeholders involved, and
- Provides a list of activities and the associated dates by which the activities shall be completed.

More information on timelines
during Session #4

- Part II, Chapter 1 and Appendix 1 of the draft Annex 16, Volume IV contain general requirements for administrative procedures regarding the implementation of CORSIA:
 - Distinguishing between domestic and international flights;
 - Attributing international flights to aeroplane operators;
 - Attributing aeroplane operator to a State;
 - Addressing administrative partnerships and processes; identifying record keeping requirements;
 - Defining compliance periods and timelines for specific actions.



Questions?

- States and aeroplane operators need to be ready to implement CORSIA on 1 January 2019
 - For this to happen, preparations should start in 2018
- Establishment of a national regulatory framework
 - Format depends on national circumstances
 - National law, memorandum of understanding, decree, contract etc.
 - Team of experts with roles and responsibilities
 - Team leader(s), national experts, industry, representatives of associations, etc.
 - Identify roles/responsibilities of each team member with clear reporting lines and accountability

National regulatory framework

What?

- Monitor CO₂
- Compile report
- Verify report
- Approve report
- ...

When?

- 2018
- 2019
- 2020
- 2021
- ...

Who?

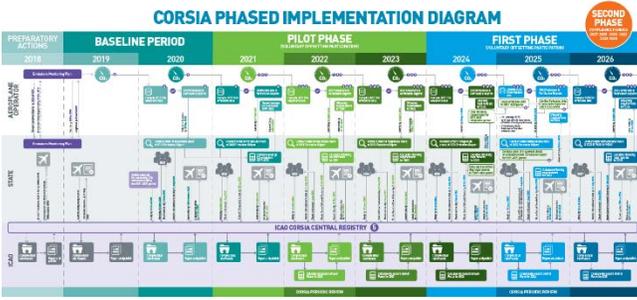
- State
- Operator
- ICAO
- Verifier
- ...

How?

- Tools
- Methods
- Approaches
- Procedures
- ...

- Nominated CORSIA Focal Point
- National experts to provide required expertise / capacity to:
 - Compile a list of attributed aeroplane operators and accredited verification bodies
 - Assess/Review Emissions Monitoring Plans
 - Conduct order of magnitude check of Emissions Report
 - Estimate offsetting requirements
 - ...
- Cooperation with national teams responsible for the State Action Plan for International Aviation and for the national GHG inventory
 - Harmonize estimation of GHG emissions
 - Ensure no double-counting of any emissions credits

Thank you!



For more information, please visit our website: <http://www.icao.int/env>