



Noise Certification Workshop

Roles and Responsibilities

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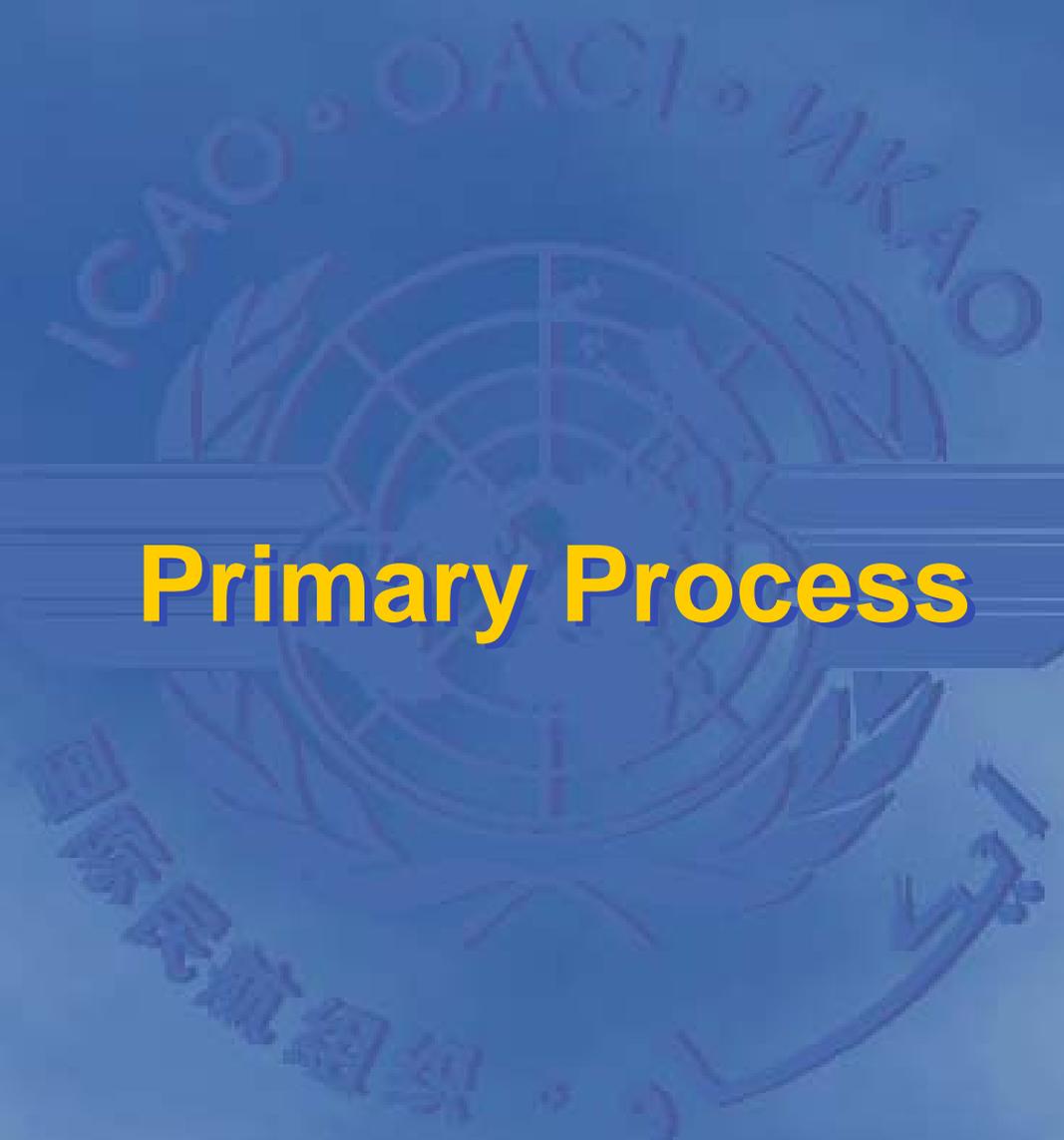
The Process

☀ Primary process:

- Step 1: Type certification for noise
- Step 2: Issuance of individual noise document

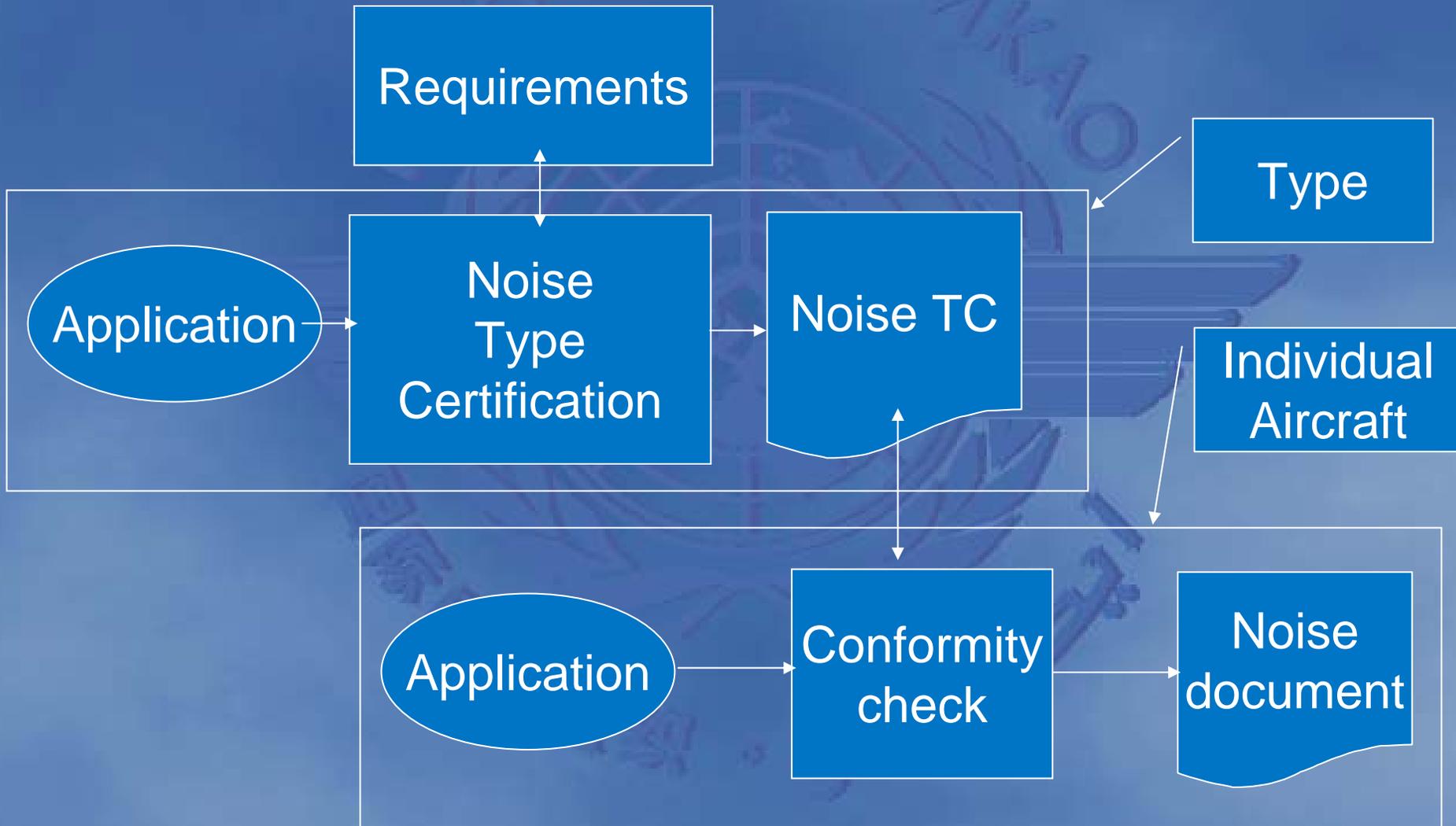
☀ Secondary Process:

- Maintaining and developing the standard

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Primary Process

Primary Process



Type Certification for Noise (1)

- ☀ Applicant applies for TC
- ☀ Applicant proposes plan (“NCDP”)
- ☀ Authority checks and accepts
- ☀ Authority checks hardware and software used by the applicant

Type Certification for Noise (2)

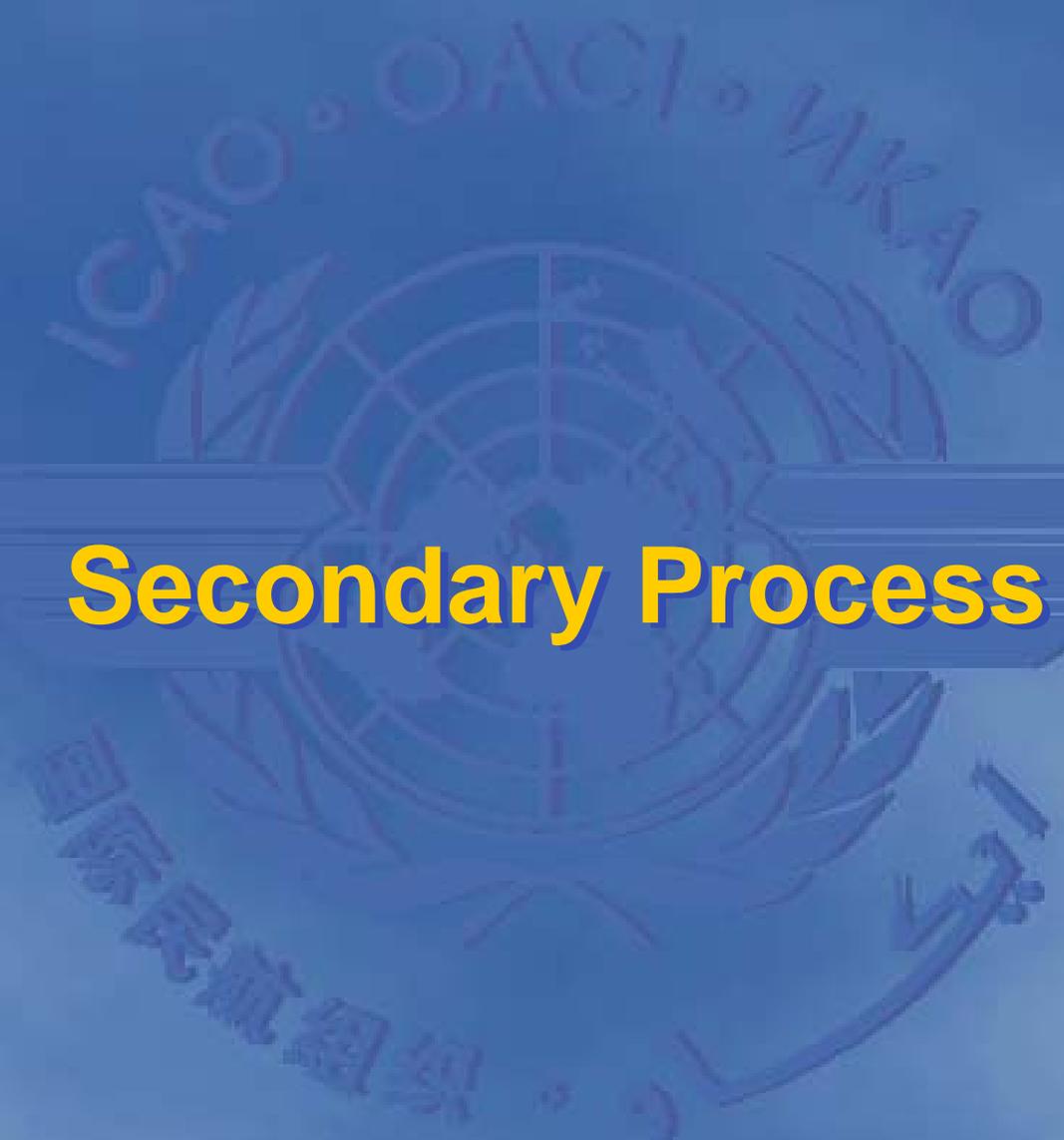
- ☀ Applicant writes test plan
- ☀ Authority checks and accepts
- ☀ Applicant executes tests
- ☀ Authority witnesses

Type Certification for Noise (3)

- ☀ Applicant analyses data
- ☀ Authority verifies data analysis
- ☀ If OK Authority approves TC for Noise (separate TC for noise or as part of main TC for airworthiness)

Individual Aircraft

- ☀ Applicant shows conformity with noise type certificate data
- ☀ Authority verifies
- ☀ Authority issues noise document

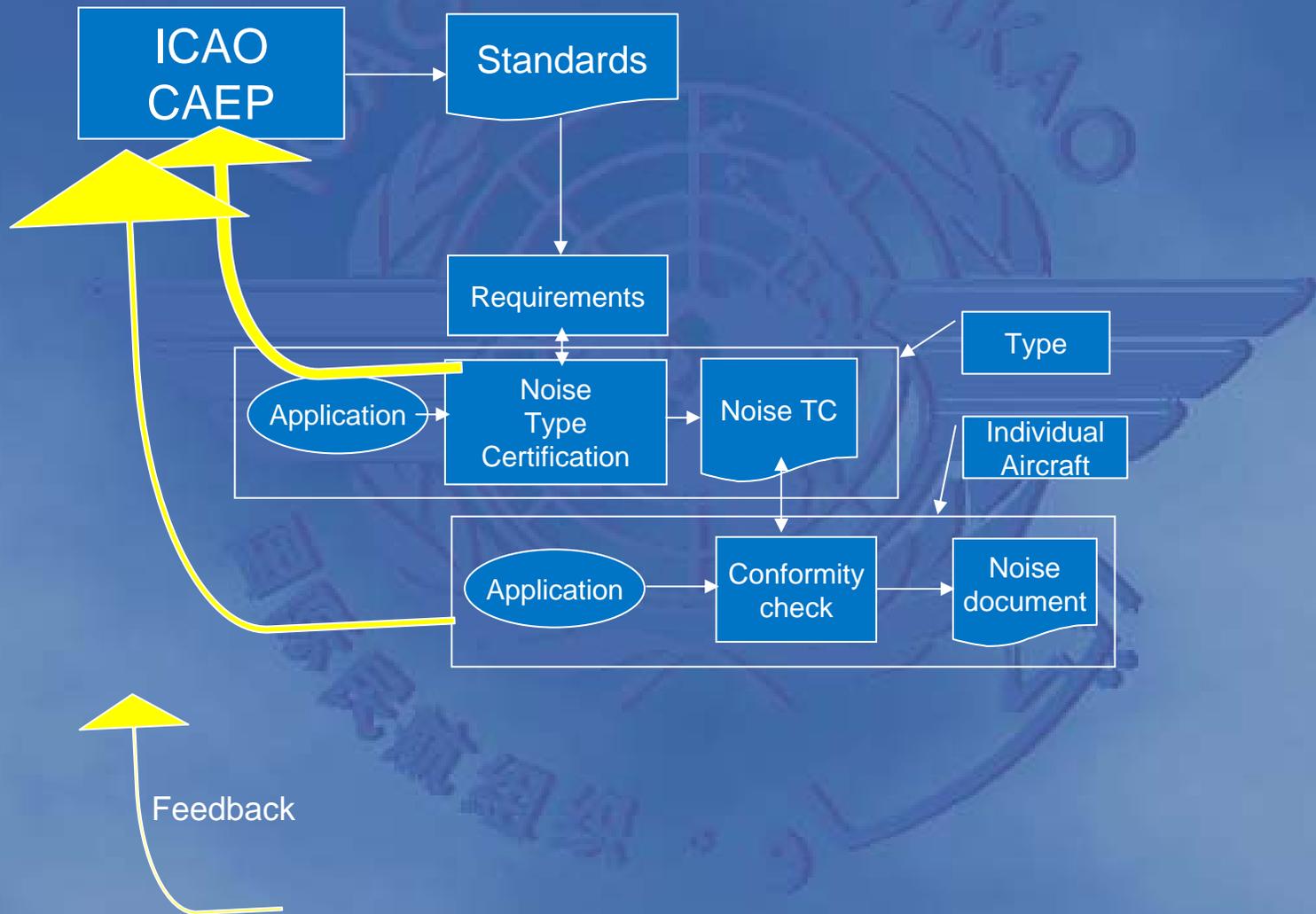
The background of the slide features a large, faint watermark of the International Civil Aviation Organization (ICAO) logo. The logo is circular, with a globe in the center, surrounded by a laurel wreath. The text "ICAO" is written in English at the top and in Chinese at the bottom of the circle. The title "Secondary Process" is overlaid on the logo in a bold, yellow font with a blue shadow effect.

Secondary Process

Maintaining and developing standards

- ✱ Primary process feeds back into ICAO/CAEP Technical Working Group and Task Groups.

Maintaining standards



Maintaining standards

☀ Feedback:

- Practical problems and experience
- Equivalent procedures
- New technology (GPS, digital eqpmt)

Maintaining standards

☀ Feedback also:

- Economic aspects
- State of the art
- New technology

Developing standards

- New aircraft technology

Maintaining and developing standards

- ☀ CAEP with its working Groups and Technical Subgroups prepare proposals for changes to the standard and advisory material.

Conclusion

- ✱ Primary responsibility for showing compliance with noise standards is with TC-holder
- ✱ Authorities' role is verification and issuance of documents

Conclusion

- ☀ All involved have a role in feeding back into ICAO/CAEP, which is essential for keeping the standard up to date.

