



# **Noise Certification Workshop**

## ***Session 2***

### ***Roles and Responsibilities***

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# The Process

## → Primary process:

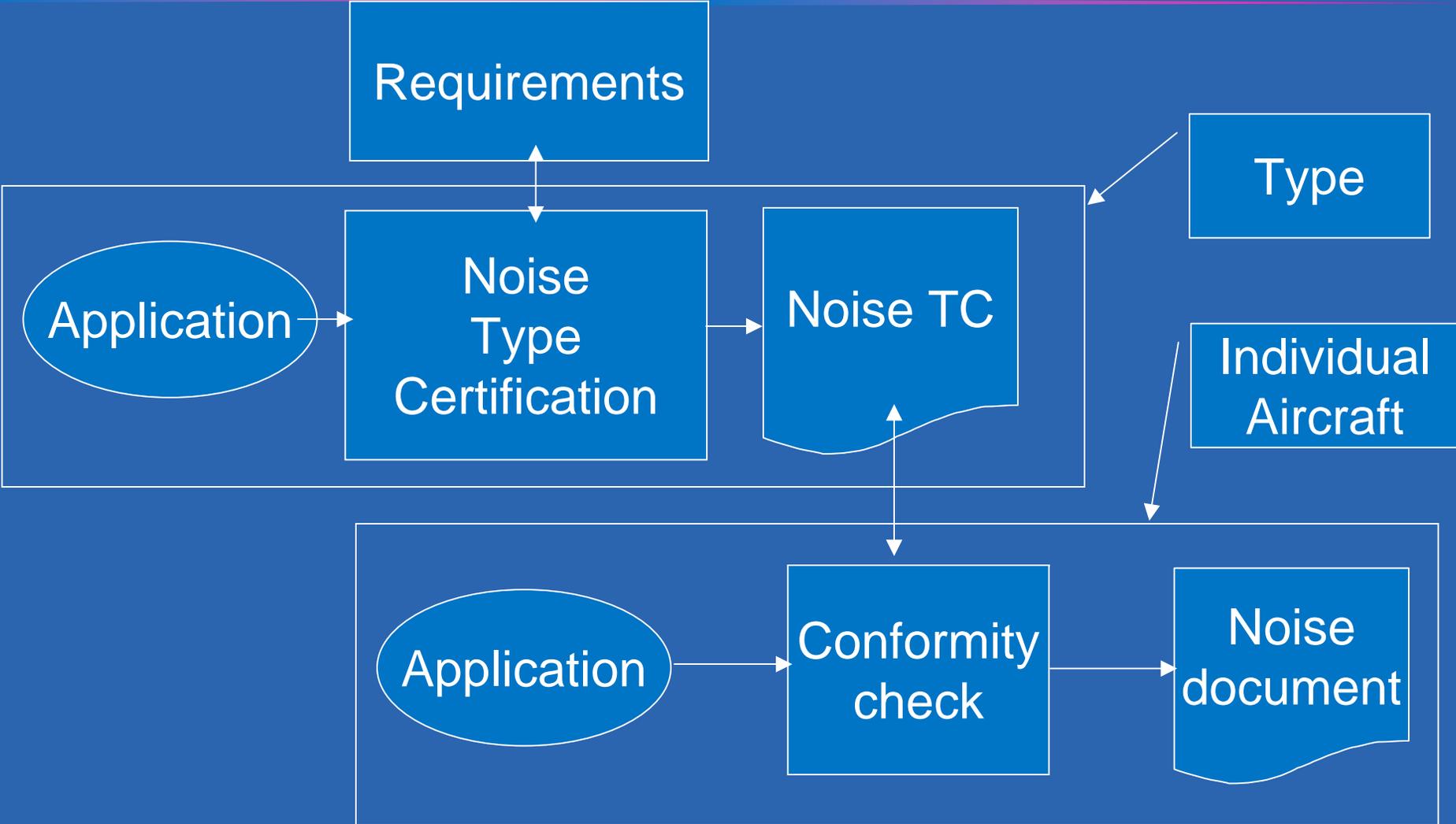
- Step 1: Type certification for noise
- Step 2: Issuance of individual noise document

## → Secondary Process:

- Maintaining the standard

# Primary Process

# Primary Process



# Type Certification for Noise (1)

- Applicant applies for TC
- Applicant proposes plan (“NCDP”)
- Authority checks and accepts

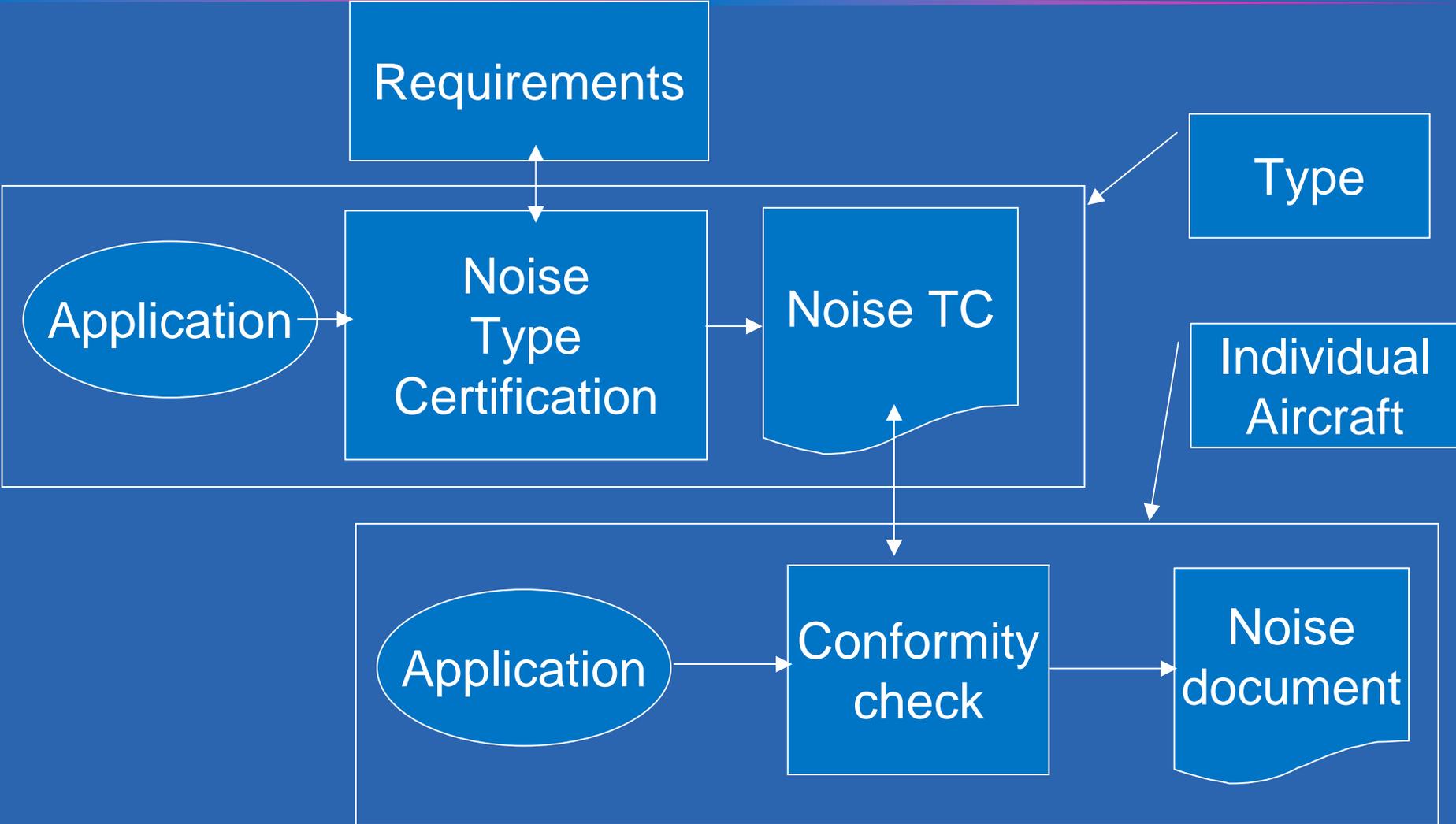
## Type Certification for Noise (2)

- 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)

# Primary Process



# Individual Aircraft

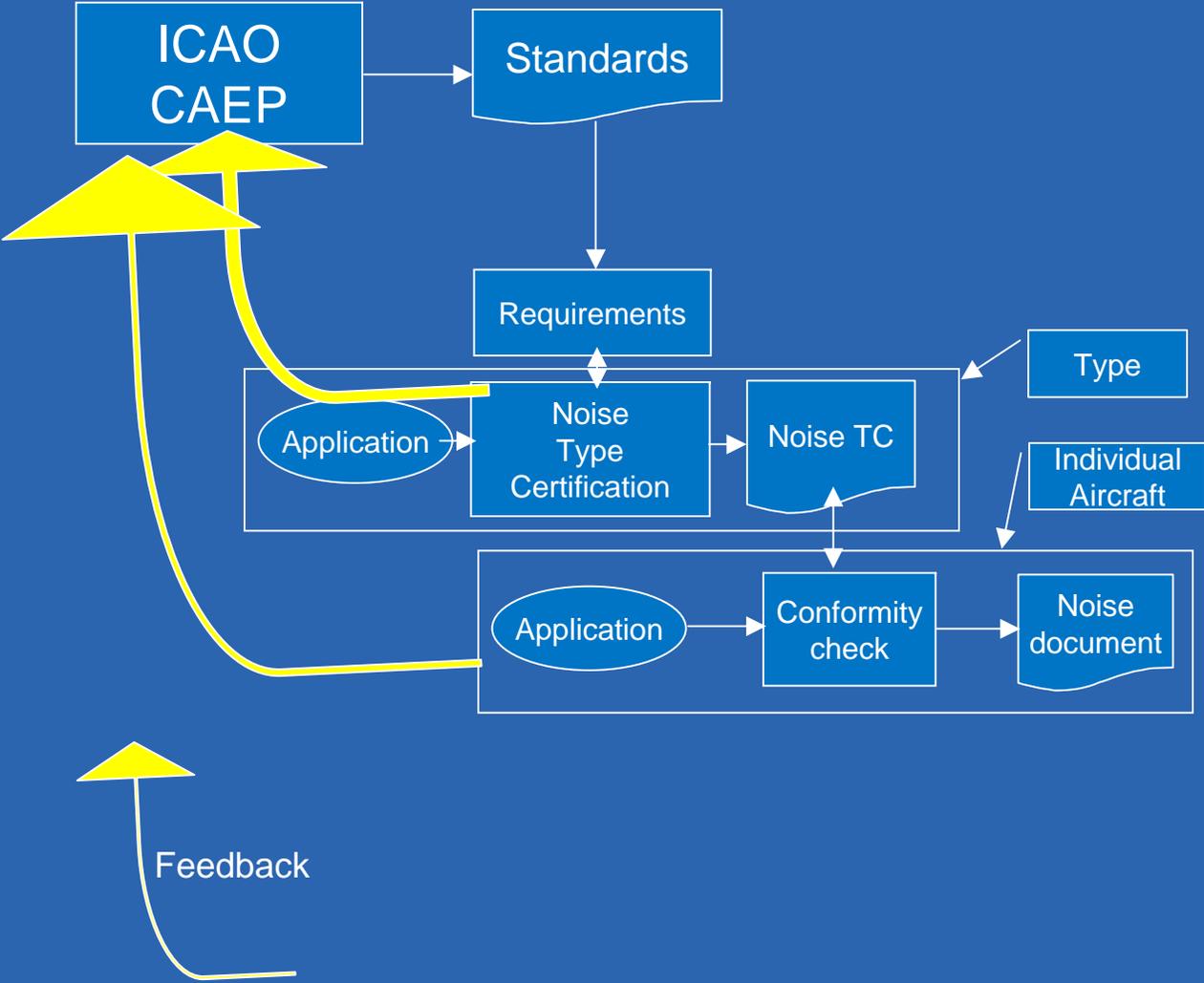
- Applicant shows conformity with noise type certificate data
- Authority verifies
- Authority issues noise document

# Secondary Process

# Maintaining 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

# Maintaining 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.

