



How OSC affects TC and STC holders

OSC Workshop

Cologne, 3 March 2009



European Aviation Safety Agency

OSC effects on TC/STC holders

Contents of presentation

- Entry into force of new rule
- Scope of OSC
- Approval procedures for initial OSC
 - ✦ Complex motor-powered aircraft
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- Changes
 - ✦ In design (e.g. STCs)
 - ✦ to OSC
 - ✦ DOA privileges
- Responsibilities of OSC holders



Entry into force of new rule

- Amendment to Part-21 is expected mid 2010
- TC holders for new types; TC issued XX months after adoption of rule: shall obtain OSC before aircraft is operated by EU operator
- Same for STC holders for STCs on aircraft with approved elements in OSC
- Ultimately by 8 April 2012



Scope of OSC

➤ **Following elements when applicable:**

- ✦ **Syllabus of pilot type rating training + reference data for simulators**
- ✦ **Syllabus of maintenance certifying staff type rating training**
- ✦ **Type specific data for cabin crew training**
- ✦ **Master Minimum Equipment List (MMEL)**

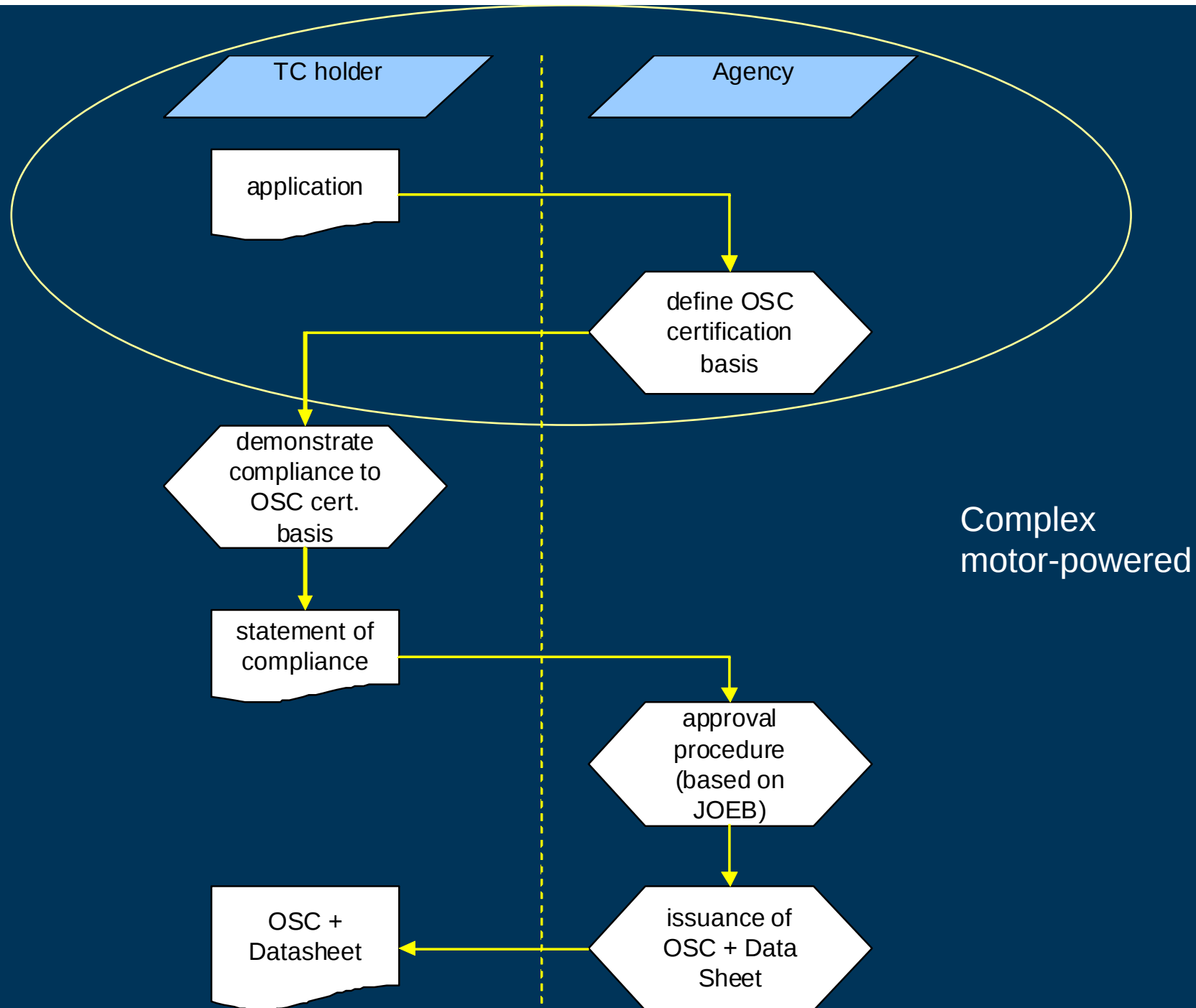
➤ **For types of operations for which the OSC is requested (21A.65(b))**

- ✦ **Different types of operation (e.g. ETOPS)**
- ✦ **Differences training for operations on more than one type or variant**



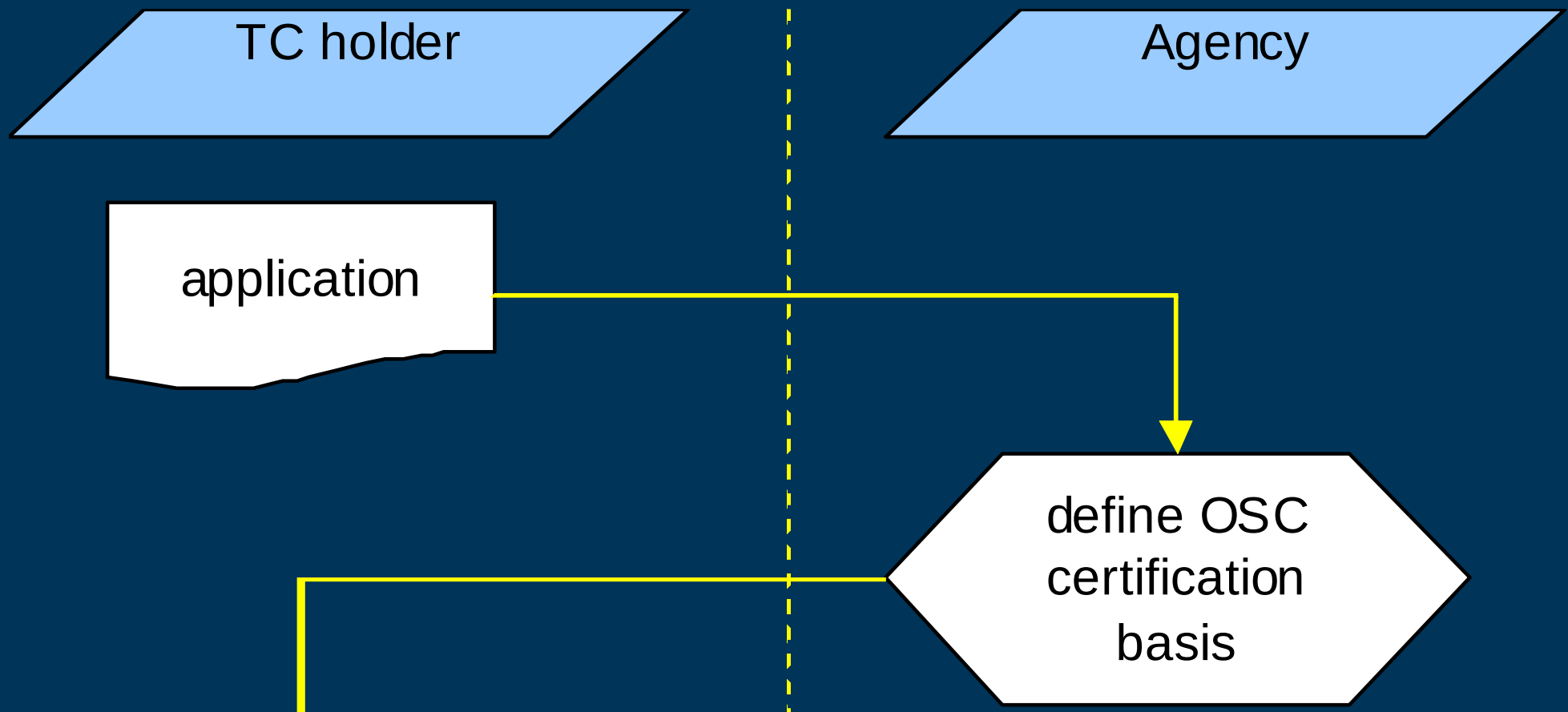
Approval procedures for initial OSC Complex motor powered aircraft

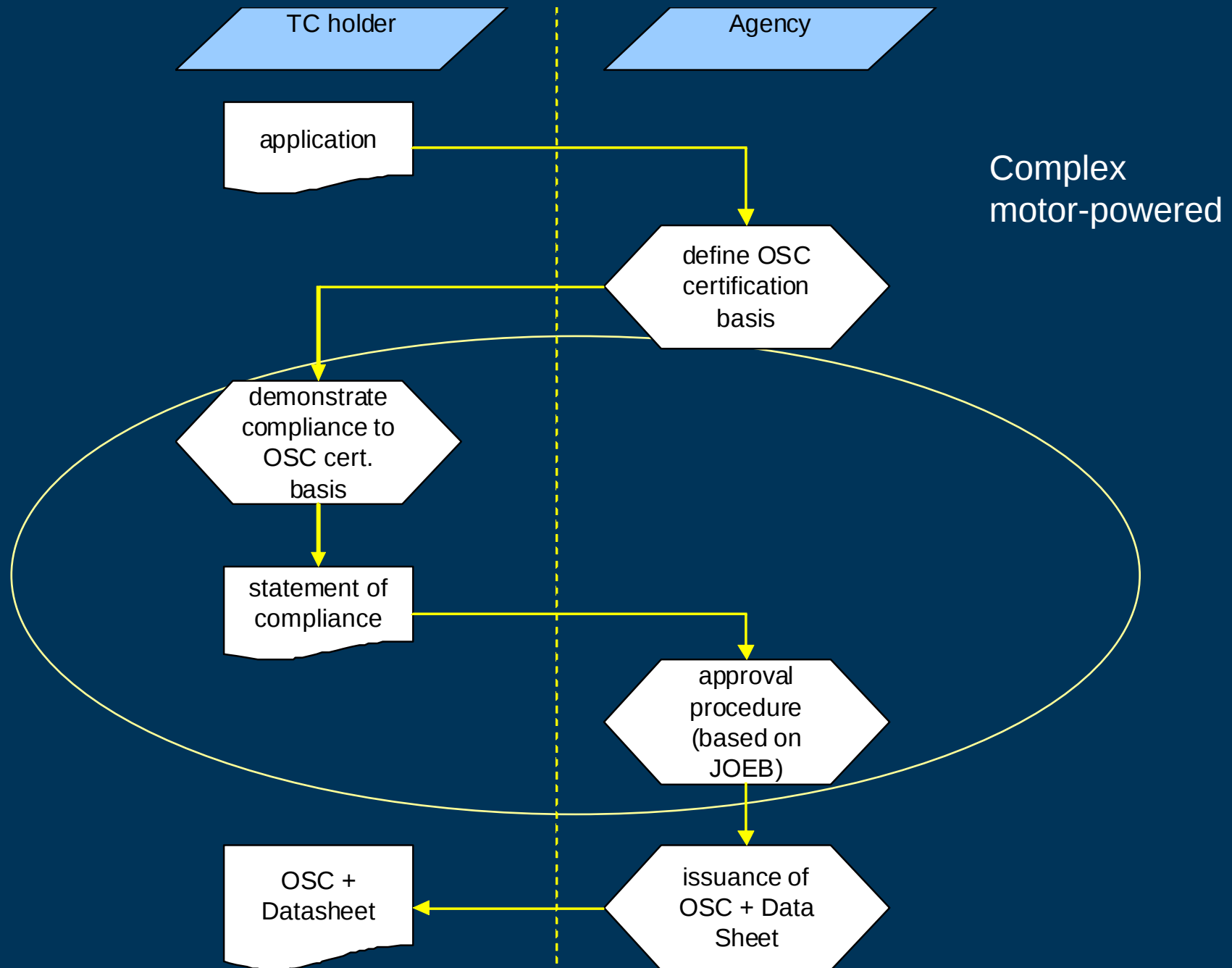
- Application by TC holder
- OSC certification basis set by Agency:
 - ✧ Normally the applicable CS
 - ✧ Deviations or additions are possible
- Applicant demonstrate that OSC elements comply with OSC cert. basis
 - ✧ Using certification programme
 - ✧ Make statement of compliance
- Issuance of OSC by Agency when satisfied that compliance is demonstrated
 - ✧ Procedures to be detailed; can be combined with compliance demonstration





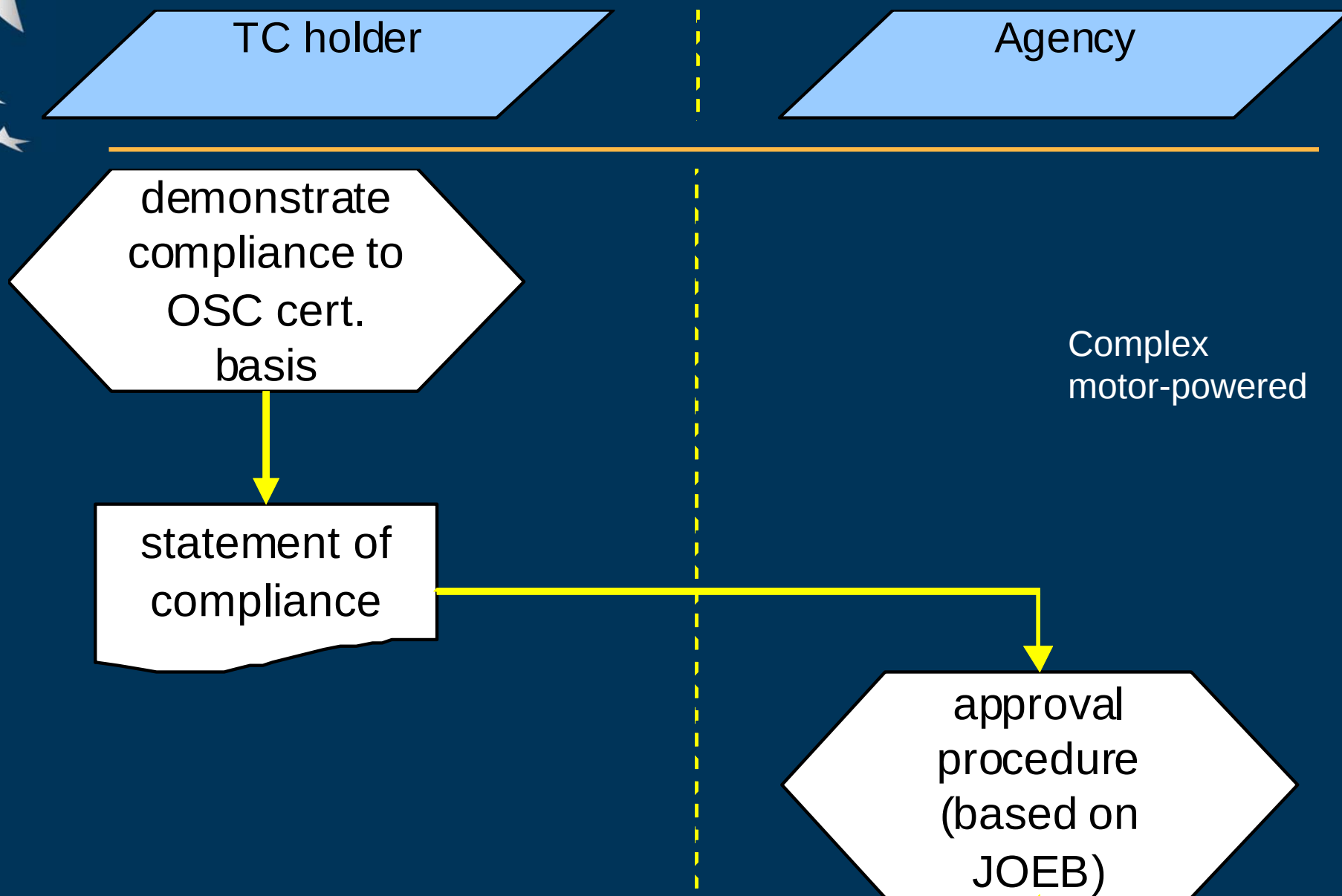
Complex
motor-powered

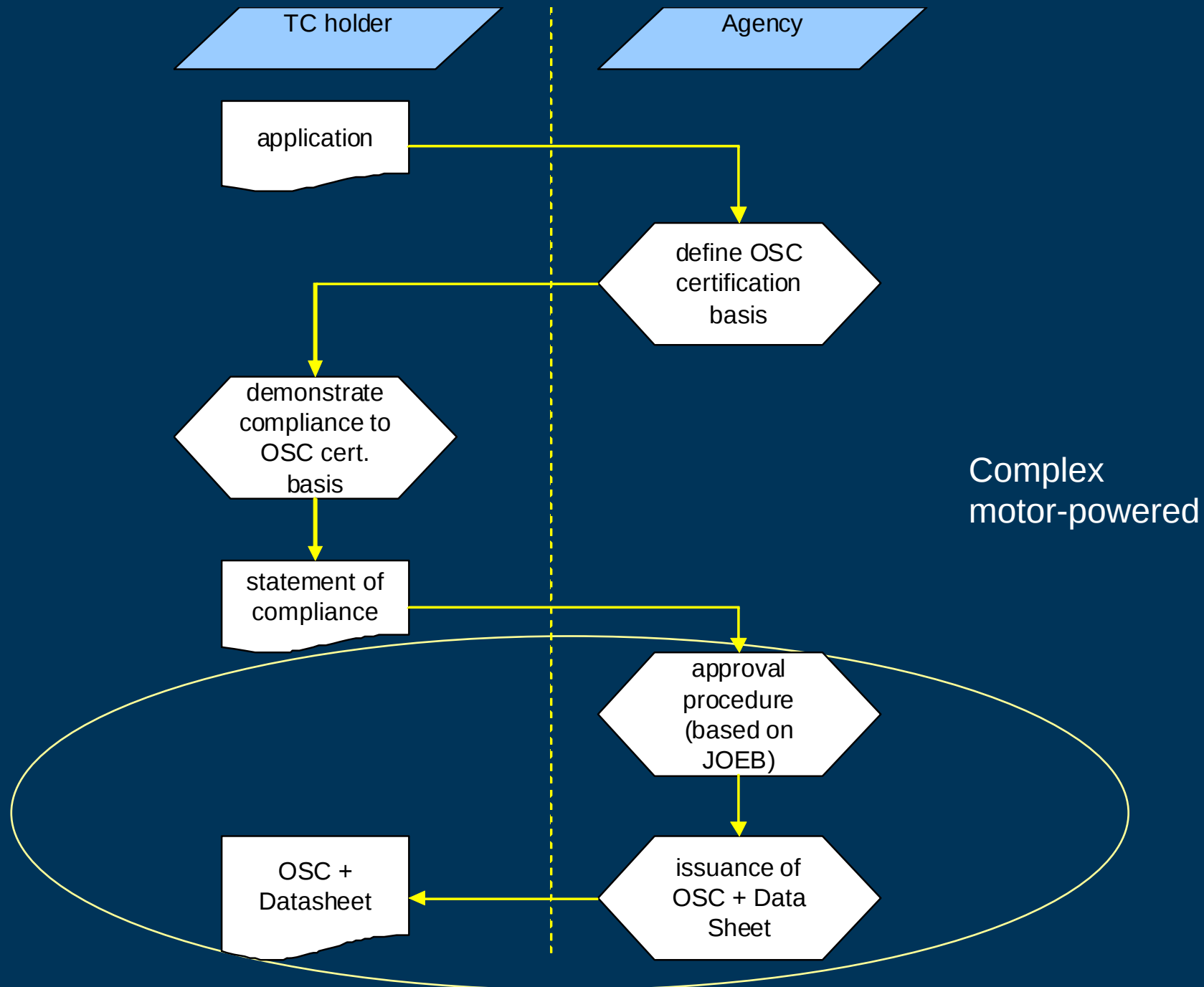






European Aviation Safety Agency







TC holder

Agency

Complex
motor-powered

approval
procedure
(based on
JOEB)

OSC +
Datasheet

issuance of
OSC + Data
Sheet

TC holder

Agency

Non - Complex

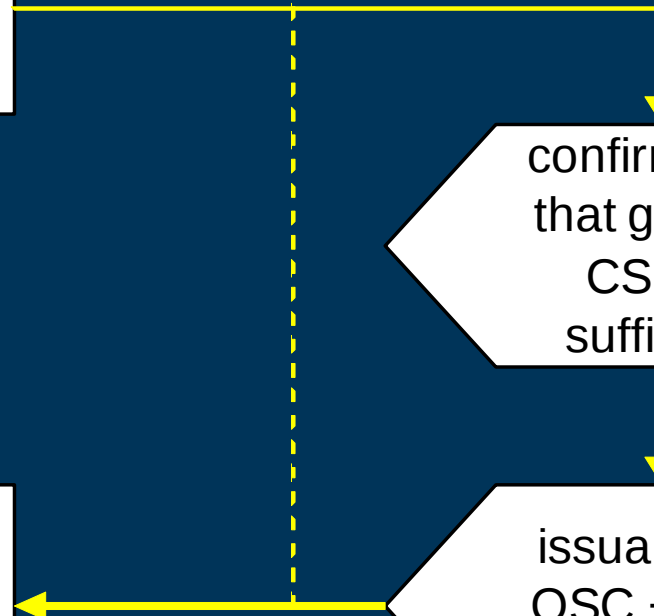
issue generic OSC
elements in CS

application +
statement that
generic CS are
sufficient

confirmation
that generic
CS are
sufficient

OSC +
Datasheet

issuance of
OSC + Data
Sheet





Changes

➤ Changes to OSC:

★ **Resulting from a change to design**

➔ Design approval holder must consider effects on OSC

★ **“stand-alone” changes**



Changes

➤ Changes to OSC by OSC holder:

- ★ **Classified in minor or major**
- ★ **Minor / major: general explanation in GM**
 - ➔ examples today only for MMEL
 - ➔ Examples for other elements in NPA for respective CS
- ★ **Major to be approved similar to initial OSC, but limited to the change**
- ★ **Lead to amendment of OSC**
- ★ **Minor can be approved by OSC/DOA holder**

➤ Changes under a Supplemental OSC

- ★ **Process similar to initial OSC approval**
- ★ **But limited to change**



Responsibilities of OSC holders

➤ Occurrences

- ★ Investigate whether reported occurrence results from deficiency in OSC
- ★ Analyse and propose corrective action if needed

➤ Records

- ★ Keep records relevant to OSC

➤ Documents

- ★ Make available the “elements” to those required to comply with them



END