



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**
 - ✦ **Aircraft other than complex motor-powered aircraft**
- 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



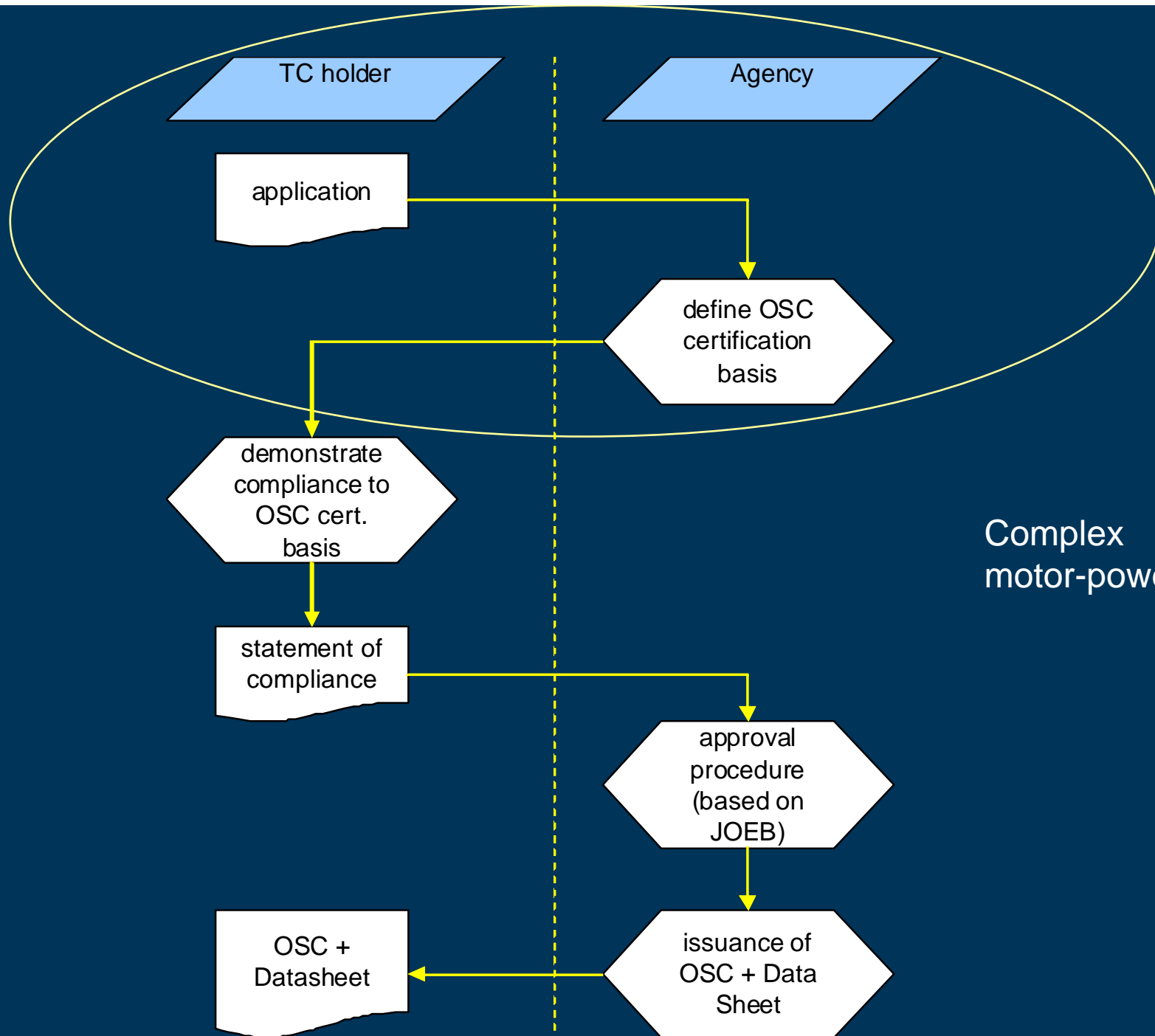
Scope of OSC

- **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

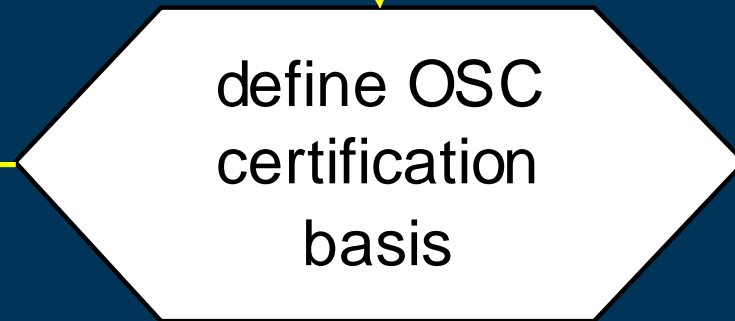
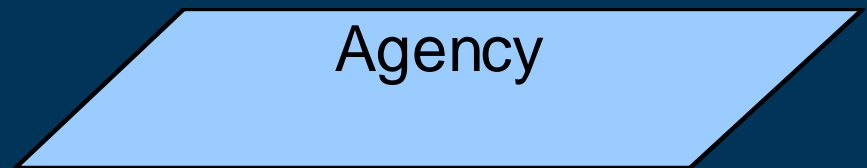
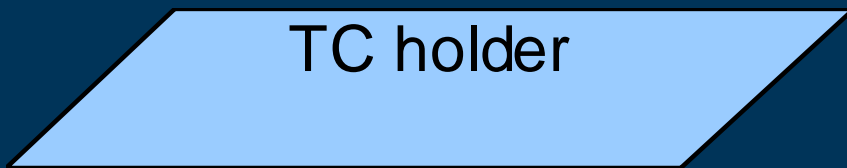
- Application by TC holder
- OSC certification basis set by Agency:
 - ✦ Normally the applicable CS
 - ✦ Deviations or additions are possible
- Applicant demonstrate that OSC elements comply with OSC cert. basis
 - ✦ Using certification programme
 - ✦ Make statement of compliance
- Issuance of OSC by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

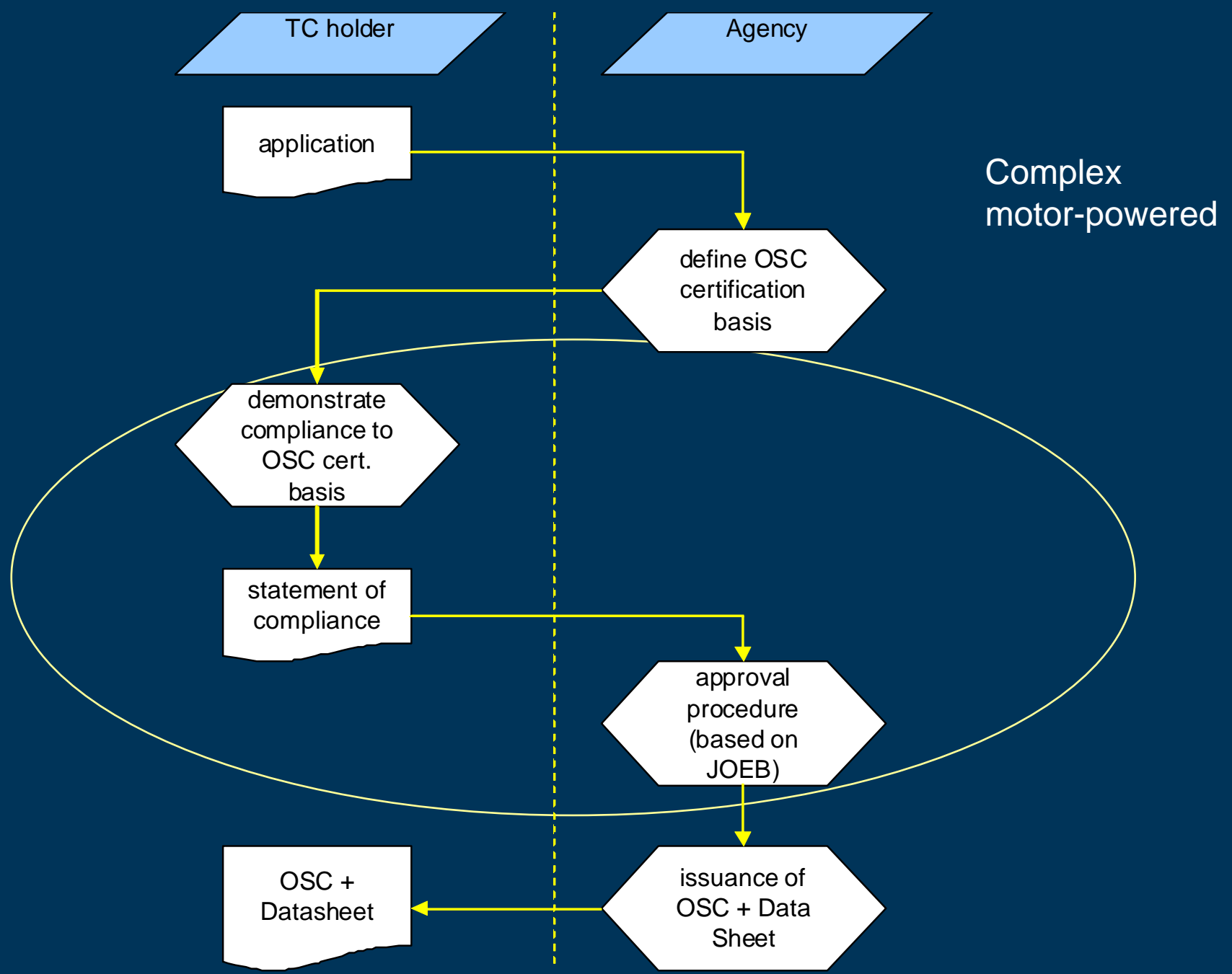


Complex
motor-powered



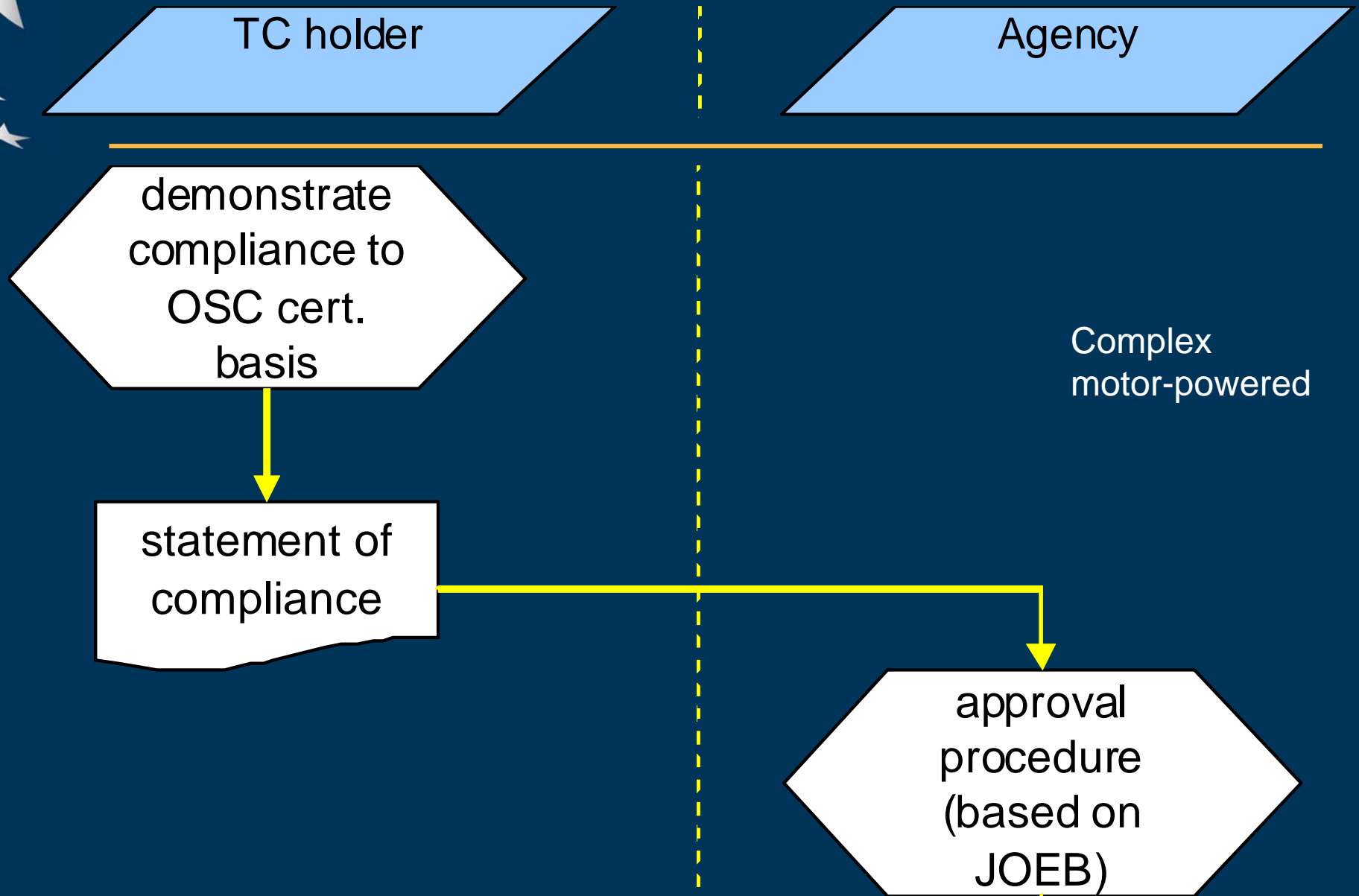
Complex
motor-powered

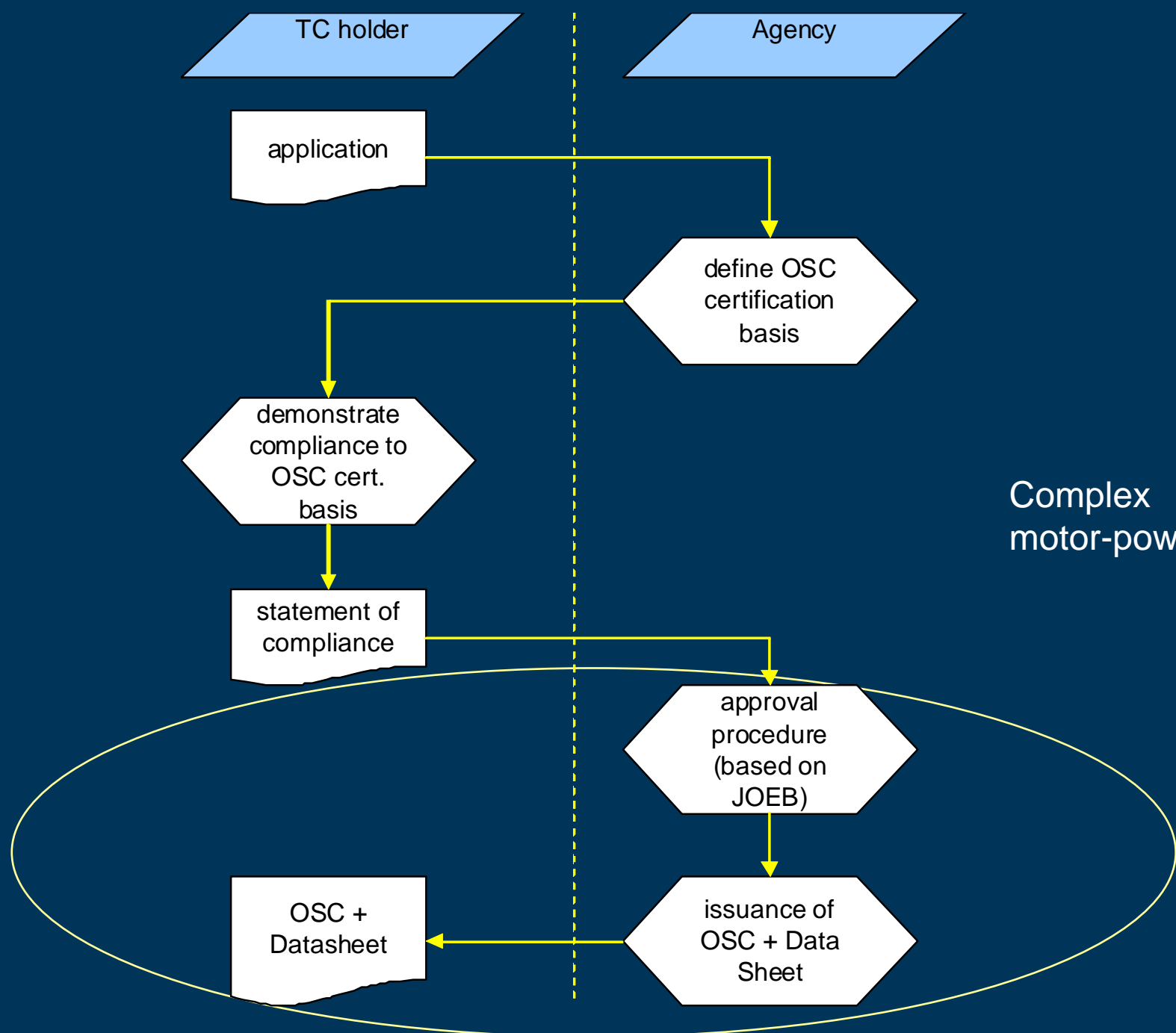






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Complex
motor-powered



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TC holder

Agency

Complex
motor-powered

approval
procedure
(based on
JOEB)

OSC +
Datasheet

issuance of
OSC + Data
Sheet

TC holder

Agency

Non - Complex

application +
statement that
generic CS are
sufficient

issue generic OSC
elements in CS

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