Product Certification and Design Organisation Approval Workshop

22nd – 23rd November 2017

Your safety is our mission.

International Cooperation; BASA EU/US – TIP revision 6

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22 Nov 2017

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Summary

- EU/US Technical Implementation Procedures have been updated – TIP 6

- Why the changes are necessary

- When they become effective

- What the changes are

- What is happening to implement it/other parallel activities

The Validation Improvement Roadmap

➤ The COB has agreed the objective:

By 2022, reduce validation effort (time and costs) of the Authorities to a level of 20% compared to first TIP implementation in 2011

Very aggressive

➤ The EU/US VIR* applies risk-based validation principles to reduce level of technical involvement

- ➤ Reciprocal Acceptance of Certificates and Approvals
- ➤ Streamlined Validation of Certificates and Approvals without technical involvement
- ➤ Validation Work-Plan; common principles/procedures

Validation Improvement Roadmap

TIP revision 6 - general

- TIP revision 6 is the first major step in introducing these principles
- TIP 6 also 'cleaned-up' and reformatted the TIP to reflect the new validation principles
- TIP 6 is not yet in force
  - It becomes effective 6 months after signature = 22 March 2018
- Until then, TIP 5 and amendment 5.1 remain in place
- TIP 7 is being planned for the next tranche of changes

TIP 6 changes

- All validation instructions in Section III

- Introduces the concepts of **Acceptance**, **Streamlined Validation** and **Technical Validation**

- All TC/STC approvals or changes involving granting a certificate are either Basic or Non-Basic (no level 1 or 2)

Acceptance

No application, no VA approval, no fee

➤ Basic changes by TC/STC holder (when no effect on issued certificate)

➤ All minor changes

➤ All TSO/ETSO articles

➤ All non critical PMA

➤ All repairs

➤ All non critical alterations

Streamlined validation

Application to VA, no VA technical involvement, VA issues certificate, reduced fee and approval period

➤ Basic changes by TC/STC holder (when there is an effect on issued certificate)

➤ Most new and changed TC and STC for reciprocating engines and propellers

➤ All other basic items (non-basic criteria have been modified to drive more projects to be processed under streamlined validation)

Technical validation – non-basic

Application to VA, pre-defined VA technical involvement, VA issues certificate, reducing fees based on reducing involvement

➤ Application for validation all other TCs

➤ Major changes and STCs, when criteria are met

   ➤ SEI, new technology, when CA decides, etc.

➤ Establishes validation work plan for management of non-basic validations

- BOB008 decision: to support the concept that lower involvement = lower fees

- SEI lists are being created for each product category

- TIP 6 training packages being developed: Authorities and industry

Conclusion

TIP 6:

- Allows authorities to refocus limited resource on activities/partners that pose a higher safety risk

- Reduces resources spent by industry on validation and creates more predictable approval schedules

- TIP 6 is not yet in force

It becomes effective 6 months after signature
→ 22 March 2018

Many thanks

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