

Update on major international developments

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The CMT - Certification Management Team



Federal Aviation
Administration



Transports
Canada



Charter established in Sept 2015

Vision:

To use active confidence building initiatives and risk based validation principles to accept partner certification activities with limited or no technical involvement

Objective:

Implement risk based validation principles and take immediate steps to eliminate technical involvement



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Background:

Increasing globalization of the aviation industry necessitates **greater collaboration** among the authorities in order **to harmonize regulatory systems** and effectively respond to common industry issues.





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“Collaboration equals Innovation” – M. Dell

In aviation, **innovation cannot work without collaboration.**

- New technologies require new regulatory framework, any work in isolation is going to fail.
- *Ex-post* harmonization is essential but is highly demanding and has its limits.
- Whenever possible, the winning solution is **to work together upstream.**





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- Harmonisation of policies, guidance material, means of compliance, and interpretation of rules and standards (e.g. eVTOL)
- SMS
- ...

vs.

- Task-Specific Team (TST) on Electric & Hybrid Propulsion Systems
- TST on Common Mode Errors
- Transferability of non TCed products
-

The **CMT roadmap** is targeting **sustainability** as a cornerstone of the future work.



Cooperation with FAA



- TIP rev 7 signed last week
 - AMOC
 - 3rd country POA
 - Environmental Protection requirements (partially incorporated)
- Task forces: Good recent progress on all. Among them:
 - eVTOL TF, with Significant management attention to drive quick results
 - ToRs for Hydrogen signed last week.
 - MMEL, with proposal of SoD-OPS MMEL concept under evaluation
- Validation Project Review Group
 - Targeting common Work Plan Template and dedicated Guidance material





Cooperation with CAAC



- Letter of Intent signed in July to:
 - establish a framework for information sharing to improve aviation safety standards
 - facilitate the exchange of best practices in the implementation of the BASA
- Progresses made on production matters:
 - First Chinese production acceptances issued for CTSOA in 2023
 - WA for production of DA50 signed in summer
- TCs signature for Y12F and Airbus H175B
- New meeting planned in Beijing 2nd week of November





Cooperation with TCAA



- Lightweight validation Plan implemented on 1st Feb '23
 - qualitative feedback shows systematic use and proper issuance at early stage of the validation process
- Agreement on opportunity to review the current TIP. Main topics to be included:
 - Streamlined Acceptance of non-turbine engine and propeller TCs (no SC, ELOS/ESF, Exemptions, etc).
 - Removal of the TSO common list towards acceptance of all TSO/ETSO
 - CS-Stan – Acceptance at time of import
- 5G: 24 April at latest 38MHZ is coming along
 - Cat2 and Cat3 approaches will be limited, depending on the type of equipment on certain airplanes
 - TCCA working on communication to industry with an Aviation safety alert to come out very soon





Cooperation with ANAC



- TIP rev 5 under finalization, looking at:
 - Introduction of Basic/Non-Basic classification of changes
 - Acceptance of major repairs
 - Acceptance of Parts without Form 1
 - Facilitation of exchange of Brazilian LSA and EASA Part-21 Light aircraft
- OSD concept in ANAC rule framework:
 - MMEL and Flight Crew training will be handled with a process similar to EASA OSD
- ANAC interest in EASA process for early involvement in certification process for new technologies (technical advice contract, pre-application contract, ..).





Cooperation with other States



- ✓ Good cooperation on validation projects.
- ✓ Recently strengthened the link at technical coordination level.



- ✓ Draft TIP under review at JCAB.
- ✓ COB Meeting planned in November.



- ✓ Replacement WA signed in May after recognition of compliance in production.
- ✓ Mandate for BASA is under drafting with DG MOVE.



- ✓ Raised a question on SoD(M) during a recent visit, generating reflections on internal acceptance policy of DOA/STC applications from Third Countries.

Certification Conference

October 24, 2023
Cologne

Thank you!