

Flight Test Update



DDH CONFERENCE 31 OCT 2024

Scope



What's needed?

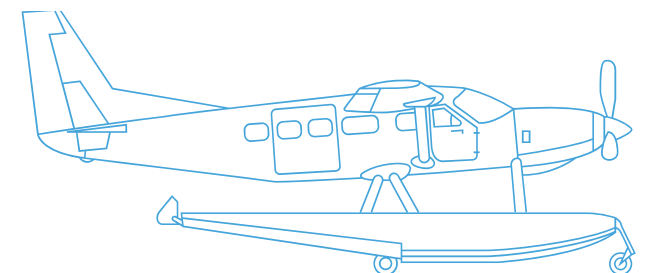
Current Situation

Future: same activity, greater transparency

Communications

Ongoing Issues

Help us to help you



What's needed

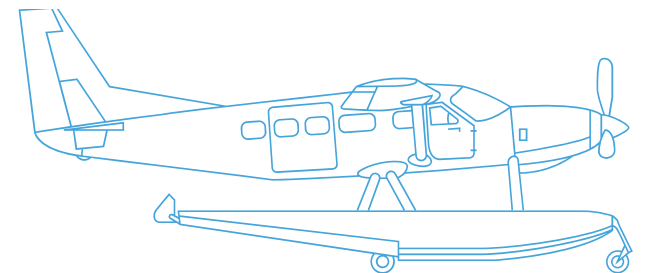


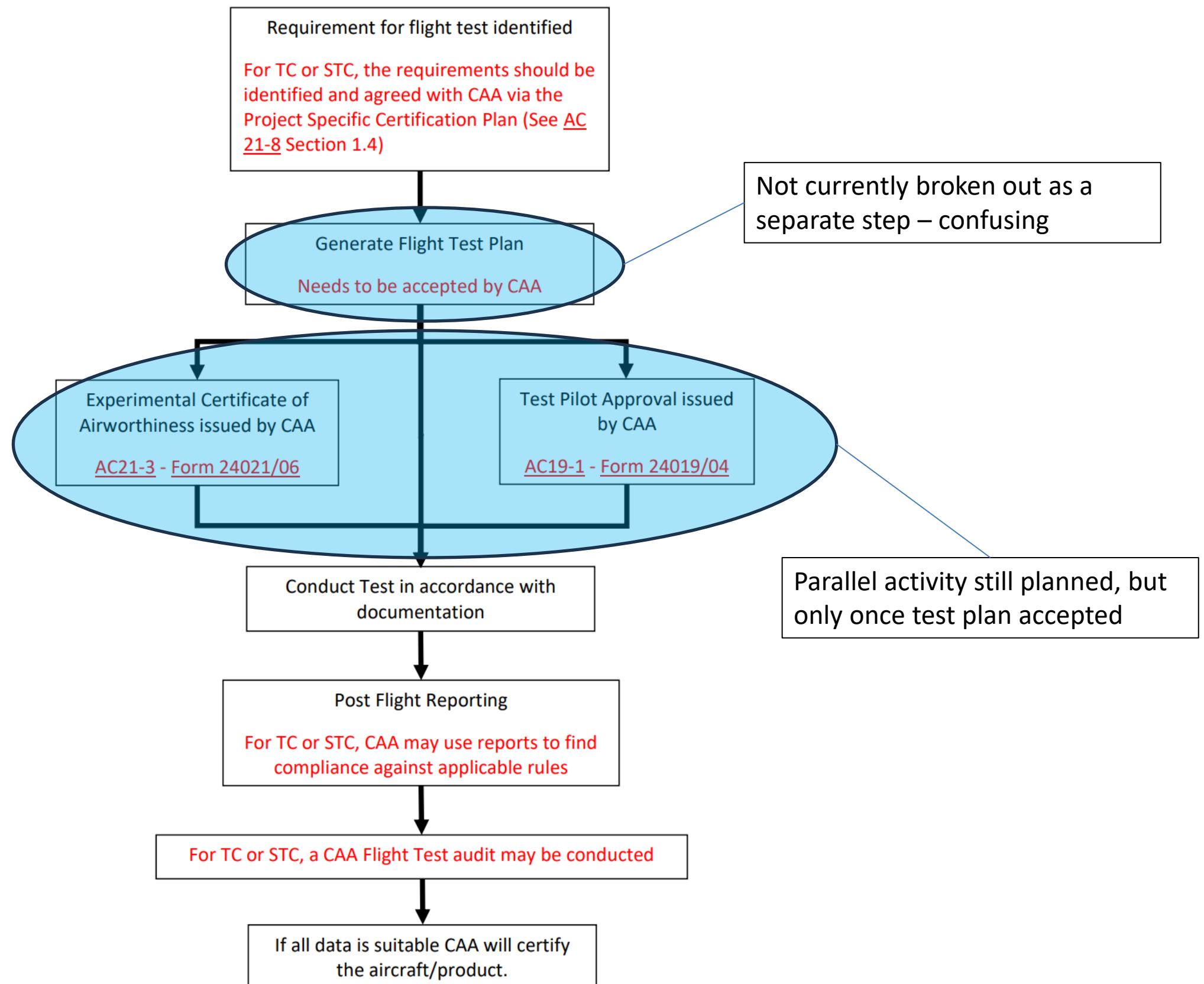
Test Pilot Approval (19.405)

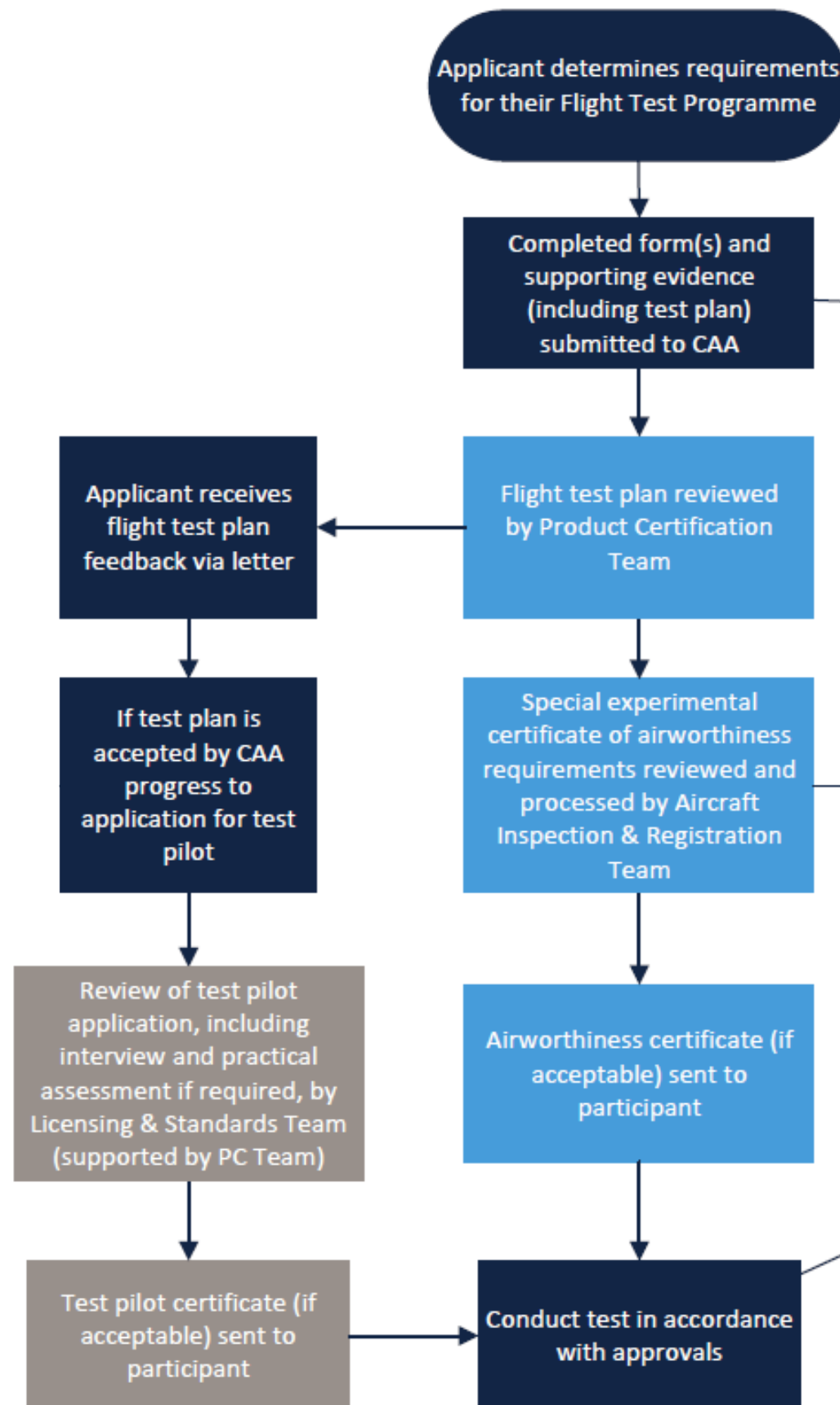
Special Experimental Certificate of Airworthiness (21.193)

Certification Flight Test (21.35 and 21.39) – unless R&D only

Require CAA acceptance of a Test Plan / Schedule
[tell us what you're doing and why it's safe]







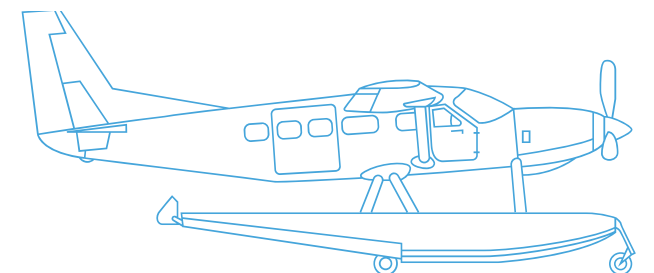
Three Approvals



CAA Accepted
Flight Test Plan

Special Experimental
Certificate of
Airworthiness

Test Pilot Approval



Communications

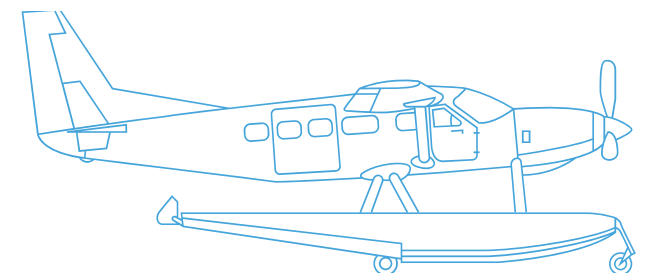


Website page with clear process flow – *any issues with previous slide?*

Signposting CAA's guidance material

Operator's expectations – communication with all parties is key

Accurate & complete submissions save everyone's time



Ongoing Issues

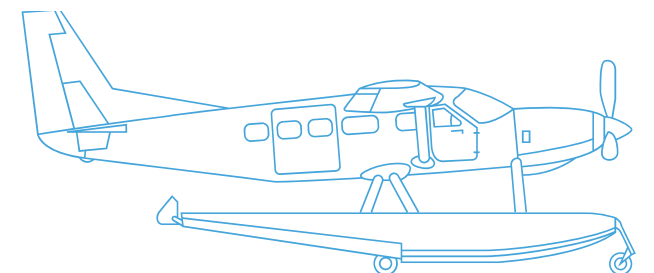


No Test Plan submitted, or out of phase with Mod application

No test article details in the Test Plan – aircraft type / tail number

V_{NE} terminology unclear; tested configuration or baseline aircraft? Use of 'operating limitations with equipment installed' suggested since last briefing

Flight test category proposal & justification iaw AC 19-1 unclear



Help us to help you



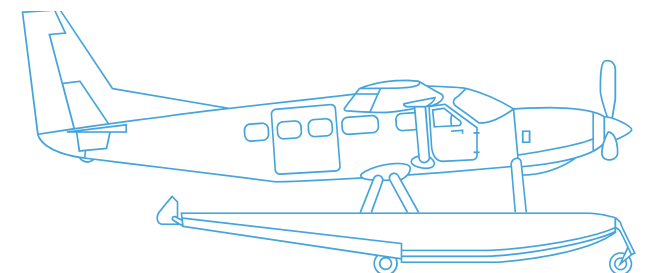
Accurate and complete submissions (see AC guidance)

Communication with all parties; Designers, Operators, Maintainers etc.

Restarting Flight Test Workshops – Q1 2025, locations TBD

What would help you – website content? Guidance update?

Feedback very welcome!





**Any
Questions?**