
Please read our [Description of the Society's activities in New Zealand](#)

CPD - NZ AVIATION TECHNICAL SECTOR

Kia ora katoa,

It's approaching that time again. Only two more CPD sessions before that jolly red-suited and horizontally-challenged person comes through the back of your heat pump and leaves gifts under your, environmentally responsible, recycled plastic tree 😊

I don't have both speakers finalized for this month or next, but I definitely have one informative brief locked-in for each session. I will continue to work on the second session for November and December but thought it important to get adverts out early as follow:

For November's session:

- First up we will have Squadron Leader Dean Bishop, from the RNZAF, who is going to give us a presentation on the T56 2nd stage compressor wheel risk management plan; abstract below:
Recently Rolls-Royce released cyclic lives for T56 Series III Engine Compressor Wheels. As a result the New Zealand Defence Force (NZDF) conducted a retrospective analysis of its T56 fleet identifying ten in-service 2nd Stage Compressor Wheels that had exceeded the new cyclic life. This presentation summarises the lifing methodology implemented by Rolls-Royce, the analysis of the NZDF's T56 fleet by Rolls-Royce and the Defence Technology Agency, and the subsequent management plan the NZDF implemented to manage the identified wheels out of service. This process was unique for the NZDF as it was the first time a management plan had been developed over a specified campaign period using EASA risk acceptance criteria for Part 25 aircraft.
- Second we have Charlie Morris of CAA who will give us a brief overview of the ASTM F37 conference that he recently attended in the US. For those who aren't F37 is the consensus standard for Light Sport Aircraft; a rapidly growing area within general aviation in New Zealand. As such, Charlie attend to represent CAA and bring back details of where LSA design and manufacturing standards are heading in the future. Conference details can be found at - https://www.astm.org/MEETINGS/filtrexx40.cgi?+-P+MAINCOMM+F37+-P+EVENT_ID+2775+-P+MEETING_ID+95900+lineschedule.frm

The November meeting details are as follow:

Date: Thurs 29 Nov 2018.

Time: 1000 – 1100 hrs.

Zoom ID - <https://zoom.us/j/591870174>

For December I propose that we try something a little different; and in keeping with the festive season. Noting that 20 December is the last Thursday of the working year, I propose that we mix the old and the new by holding a virtual 'Engineers Bar catch-up': where we Zoom-in from our respective local purveyors of fine beverages and see the year out with a couple of excellent presentations followed by a virtual social activity. To this end, I am proposing a 1600-1700 session on Thursday 20 December.

For December's session:

- First up we have Henry Dumbleton, of Airwork, presenting on the recently completed Airwork S76C++ STC: Airwork were recently granted an STC for their Development of Category A procedures for the Sikorsky S76C++ helicopter. This was a very complex project that involved a great deal of engineering and flight test work. As such, this STC represents not only a fantastic effort on behalf of Airwork, but also collaborative effort between engineers, test pilots and the CAA. So I know that this presentation will be interesting for all.
- Second to be confirmed – but I am planning to deliver a short summary of the recent RAeS conference, including an overview of the topics covered, presenters and key conference learnings. The aim of this presentation will be to showcase one of the more successful RAeS symposiums held in New Zealand and seek your input as to how we can make the next symposium even better.

The December meeting details are as follow:

Date: ***Thurs 20 Dec 2018.***

Time: ***1600-1700hrs.***

Zoom ID - <https://zoom.us/j/591870174>

Please note that I have now scheduled this meeting for the last Thursday of every month so CPD 2019 will commence Thursday 31 Jan. Meeting agenda and Zoom details to follow.

Question Handling:

- This time we will trial the Zoom Chat function – I will also make time available for open questions if possible.

Key Points:

- Briefs open to the entire NZ Aviation Technical Sector: NZDF, CAA, Air NZ, RAeS, AIRBUS, NMIT, DTA etc.
- Two presenters, 15 min each (10 min presentation, 2-5 min questions) per session.
- Presenters may elect to remain logged-in following the presentations to engage with personnel seeking additional interaction.
- The presentations will not be recorded.
- All presentations to be open source (UNCLAS).

Key Goals for this CPD Initiative:

- Continued Professional Development of the entire NZ Aviation Technical industry.

- Enhanced industry-wide engagement.
- Getting our valued personnel out of their technical stovepipes and (temporarily) into an environment of shared learning.

Finally, if you wish to be removed from this distribution, please reply to the sender. Equally, if you think we have missed someone, please let me know so I can add them to the list.

tae noa ki te huihuinga ano

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