

- CAA asked what the problem we are trying to solve is: if it is for better engagement with the sector then a workshop is the best approach.
- Forums were considered as an alternative to workshops, as they are more regular engagement – this could include international engagement and be had a couple of times a year.
- It was noted that some external stakeholders believe that there is a “black hole of information” regarding drone work.
- The establishment of a regular drone forum will allow issues to be surfaced and for the government to be proactive in its communication on drone issues.
- For technical advice, MoT and other agencies should seek specific organisations or individuals on a case by case process throughout the integration work.
- The group agreed with a forum approach over the other proposed options.

[REDACTED]

Withheld under 9(2)(f)(iv)

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

6. Regulatory work, UA Benefits Study and Joint comms programme update (MoT)
10 mins

- Regulatory work
 - MoT gave an update on the drone regulatory work. Ministers were particularly interested in this work following the incidents at Gatwick and Heathrow, including potential “quick wins”
 - MoT noted it was preparing advice for Ministers setting out the issues, the suite of potential interventions and the types of users that each potential intervention would target (from responsible to determined disruptors) and proposed regulatory approach.
 - MoT and CAA undertaking early engagement on regulatory approach with other agencies (including objectives, problem definition and potential options), after which they intend to engage with sector and public later in the year. International engagement is continuing.
 - MoT to link with MBIE to ensure stakeholders from the research and development building block are included.
- Benefits study
 - [REDACTED] gave an update on the UA Benefits Study work.
 - He noted that the financial models being developed are being revised to take into account the information obtained during interviews with stakeholders.
 - He noted that some of the interviewed stakeholders are less optimistic about UA utilisation than expected at the start of the Benefits Study.
 - The group noted that a lot of the feedback from interviewees may be pessimistic as it is based on the current state of drone technology and usage, rather than a future state.
 - The group asked that MoT re-emphasise what the purpose of the study is and how it will balance the current state of drone development against the potential future state of drone development.
- Comms
 - Comms was discussed in light of the Gatwick incident and how shared and agreed messages are required going forward.

Withheld under 9(2)(a)

7. Update on non-cooperative drone detection at Auckland Airport and Auckland UTM pilot (Airways) 10 mins

- Drone radar trials
 - Two systems being tested. Both are drone radar at the bottom of the runway. Can source targets 10km out for drones and 30km for aircraft.
 - Drone radar is limited to detection, and need to be complimented with Radio Frequency (RF) sensors to identify trajectory and type of drone. RF sensors that are being tested in parallel.
 - Data output from drone radar and RF will be integrated with the AirShare UTM system to be able to determine whether the drone target is cooperative or non-cooperative.
 - More testing is underway to determine the optimum solution for Auckland Airport.
- UTM trial
 - New AirShare UTM system has been in testing with closed group of drone pilots since January
 - First live release of the UTM system will be in early March and will include Auckland Council landowner rules.
 - Airways happy to hold a demonstration for the group agencies.
- BVLOS supporting technology trials
 - Airways have been trialling UAV-ready ADS-B and LTE technologies at a test site in West Auckland.
 - The JARUS and SORA approach was discussed and how to incorporate them into the process. Nova Systems providing consulting and QA.
 - Airways to continue to keep the group in the loop.

8. Enforcement/resilience work (post-Gatwick) (MoT) 5 mins

- CAA and MoT to discuss next steps on this work, including how to draw on and disseminate the lessons learnt from the Gatwick and Heathrow incidents.
- The Minister was interested in the protocols for incidents like this – the Heathrow example was discussed

9. ITF update (MoT) 5 mins

- Richard noted that he attended an ITF meeting last year and discussed the working group set up on drones
- It was an initial meeting on what its report on the subject would look like. [REDACTED] [REDACTED] from MBIE also attended.
- MoT are working on a chapter on the big picture benefits of drones
- Next steps is that moT will help draft the paper which is planned to be launched at the next ITF summit in May 2020

Withheld under 9(2)(a)

10. Other business (All) 5 mins

- NA

Actions

Withheld under 9(2)(a)

- Agencies to provide [REDACTED] with names of people to work on key messages for the Group's and the Minister's office use