



QUALIFICATIONS FOR AAUS DIRECTOR

Dr Rob Weaver

1. A willingness to contribute to furthering the advancement of unmanned systems in Australia.

I have a strong interest in unmanned systems in Australia, with particular experience in the aviation domain. I am a member of the AAUS Advanced Air Mobility Working Group and have previously been a Committee member of the Air Transport Innovation Centre. I will be representing AAUS on the National Emerging Aviation Technologies Consultative Committee: Unmanned Traffic Management Working Group.

I have worked in safety and aviation for over 20 years and my recent work, described below, demonstrates my strong interest and willingness to assist in advancing unmanned systems in Australia, for which I think there is great potential.

2. Ongoing interest and previous experience in unmanned systems activities.

I was previously the Executive General Manager Safety & Assurance for Airservices Australia. I have worked for both the Australian and United Kingdom's Air Navigation Service Providers (ANSPs) and have also taught and conducted research in safety critical systems at the University of York, from where I hold a PhD in safety critical systems. More recently, I have made a significant contribution to work on:

- The UK Total Aviation Safety Case Framework for Future Flight, addressing the introduction of drones, urban air mobility and regional air mobility to UK airspace;
- The Royal Academy of Engineering and Lloyd's Register Foundation new Safer Complex Systems Framework, including leading input on complex systems in Aerospace; and
- EmbraerX's Concept of Operations for Urban Air Traffic Management.

Unmanned systems are a key part of the work I have recently undertaken, and this has included non-aviation work in autonomy for the automotive domain as part of the Safer Complex Systems Framework.

3. Governance experience, particularly on the Board or Committee of a voluntary organisation or club or of a publicly listed company.

I sat on the Executive Committee of Airservices Australia for 6 years (2012-18). This included delivering comprehensive Board level performance reporting for Safety, Environment, Security, Resilience and Risk. I chaired Airservices Fraud and Ethics Committee and was a member of Airservices Investment Committee.

I have long term experience as a Non-Executive committee member of advisory, working and steering committee groups. As part of my work with the Civil Air Navigation Services Organisation (CANSO) I was a Committee member of the Global Safety Standing Committee and Chair of the Asia Pacific Workgroup for 4 years (2014-2018). I was previously a National Committee Member of the Australian Safety Critical Systems Association (2009-12), a national voluntary industry organisation. I have also



sat on the Industry Advisory Council for the School of Aviation at the University of New South Wales (2016-18).

4. A basic understanding of the roles and duties of Directors of Incorporated Associations (this will be augmented by an AAUS induction process and documentation).

I am a member of the Australian Institute of Company Directors and have undertaken their Company Directors Course. As part of my Executive Portfolio, I was accountable for Governance, Risk and Compliance at Airservices and Chaired Airservices Fraud and Ethics Committee. I engaged with Airservices Board on a regular basis for six years as part of Executive attendance at Board and Committee meetings.

5. Sufficient time available to:

- a. Participate in face-to-face Board meetings where Interstate travel may be required (held Quarterly usually in conjunction with major events such as Avalon Airshow).

I work for myself, as a sole trader (Rob Weaver Advisory), and as such have the ability to manage my commitment to the AAUS Board. Due to COVID-19 it is likely that I may not be able to participate in face-to-face activities until the middle of 2021. After this date I envisage no restrictions.

- b. Respond to issues circulated between meetings

As a sole trader, I have the ability to manage my commitment to the AAUS Board. I envisage no issue in responding to issues.

- c. Attend and represent AAUS at one or more major events per season (Conferences, seminars, trade shows, etc)

As a sole trader, I have the ability to manage my commitment to major events. Due to COVID-19 it is likely that I may not be able to participate in face-to-face activities until the middle of 2021. After this date I envisage no restrictions.

- d. Serve on at least one specialised subcommittee (Advocacy, Communications, Events or Membership)

I currently sit of the AAUS Advanced Air Mobility Working Group and will be representing AAUS on the National Emerging Aviation Technologies Consultative Committee: Unmanned Traffic Management Working Group. I am committed to being available to sit on a specialised subcommittee of the Board.



6. Demonstrable experience in at least one of the following areas vital to the ongoing activities of the AAUS Board:

a. Remotely Piloted Aircraft System Industry

As described above my recent work on drones and urban air mobility, includes development of concepts of operations and safety case frameworks for their operation. I have specific experience in air traffic management (ATM) which will be an essential component of the future unmanned systems ecosystem for aviation. I also have experience in safety assurance for complex systems and safety management in aviation.

b. Maritime Autonomous System Industry

I have limited experience in this area, but I am interested in exploring all areas of unmanned systems and applying my knowledge and experience in aviation and safety to other domains.

c. Land-based Autonomous System Industry

I was one of four lead authors of the Royal Academy of Engineering and Lloyd's Register Foundation new Safer Complex Systems Framework. This work included consideration of autonomy in the automobile sector.

d. Government liaison & advocacy

I was an Executive within a government-owned statutory authority for 6 years. During this time, I represented the organisation on two Australian Parliamentary Senate Inquiries, including one on Remotely Piloted Aircraft Systems. In my role as Executive General Manager Safety & Assurance, I was accountable for the organisation's regulatory liaison and the Airline/Air Traffic Services Safety Forum. I represented Airservices in many forums during my ten years at the organisation.

e. Media and communications

I have experience and training in media and communications.

f. Membership development

I have limited direct experience in this area, but very willing to actively participate in discussions and activities.

g. Event Management

I led the organisation of and hosted the 2017 CANSO Global ATM Safety Conference attended by ANSPs from across the world in Sydney Australia. I was Forum Chair of the International Sustainable Aviation Forum and the Avalon Airshow in 2015. I was Conference Chair of the Australian Enterprise Risk Management for Governance Conference in 2010.



h. Sponsorship and fundraising

I have limited direct experience in this area, but very willing to actively participate in discussions and activities.

7. Be an individual member of AAUS or a nominee of a corporate member.

I am an individual member of AAUS.

Rob Weaver

1/11/20