



QUALIFICATIONS FOR AAUS DIRECTORS

Note: This form is intended to allow prospective candidates to provide an outline of their skills, capabilities and availability to act as a Director of AAUS, and will be provided for information to voting members.

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

The future of our industry will be based upon the membership's individual willingness to progress, change, educate and work together collaboratively. As part of this, I (and our company, Mirragin, more widely) am developing a collection of educational resources to assist with this advancement. Examples include the development of blog posts and articles, the Mirragin Podcast: Drones for Good and a book. Specifically, the Drones for Good podcast is now over 14 episodes with world-wide listenership and guests. It is focused upon elevating the stories of drone use and educate potential clients and those internal to the industry.

We see the Mirragin Education Collection as beneficial to the entire unmanned community and want to impart our knowledge and spread news within the industry.

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

In my current role, I am the Director, Defence and National Security for Mirragin Unmanned Systems. Mirragin is a drone and unmanned consultancy: we help organisations successfully, safely and efficiently implement drone programs. I see a significant future remaining within the unmanned industry and look forward to using my Defence experience in civilian applications. I have recently participated in a number of AAUS Working Groups including the RPAS Noise Working Group, UTM Working Group and a focus session on future AAUS membership options.

Prior to this, I have an extensive background with unmanned systems. I have been involved industry for nearly 15 years having gained most of my experience within the Australian Army. Initially, I was exposed to UAS in the Australian Army as an Unmanned Aerial Vehicle Troop Commander (to be renamed to Unmanned Aerial System Troop Commander in the future). Within this role I deployed to Afghanistan as the first Australian UAS Troop Commander supporting Australian and international forces. Prior to this deployment, I trained with Insitu (before they became a Boeing Company) in Bingen, Washington State on the Scaneagle UAS. In subsequent years I provided advice and assistance to the deployment of the RAAF Heron UAS into Afghanistan and spent time with the US Air Force Predator and Reaper Detachment in Kandahar, Afghanistan.

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

I have some strong experience in governance, particularly within voluntary organisations. Experience includes:

- Most recently, I have been elected to the Board for the Sherwood-Indooroopilly RSL Sub-Branch as Vice President. This Sub-Branch manages assets within excess of \$6M and a



membership base of over 500. In 2019 I was a member of the Finance Sub-Committee and in my role am part of the Executive Committee.

- Additionally, I have been involved in the Defence In Business Committee – Queensland Chapter. In 2020 I was nominated as the State Ambassador – Queensland, to drive networking events and membership promotion.

Finally, I am an active member of the Australian Institute of Company Directors (AICD) to continue to develop professionally in my governance understanding. I am also attending the AICD Company Directors Course in early 2021.

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 have experience as a member of a Board of Directors of an incorporated association. In this role, I also have experience with the development and updating of an appropriate constitution, the management of a significant membership based and the governance requirements.

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 commit to being available for the required face-to-face Board meetings. I currently travel to Melbourne and other States regularly and would ensure this travel aligns with required meetings.

- b. Respond to issues circulated between meetings

I have shown sufficient capacity in 2020 to respond to working groups and information requests from various industry bodies. I value being able to provide advice and a response as necessary.

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

In 2019 and early 2020, I attended various industry activities related to unmanned systems including the AAUS Maritime Conference. I would attend these events regardless and would value providing time towards AAUS in these instances.

Further, I organised and hosted an AAUS Post-COVID Networking event on behalf of AAUS to benefit members.

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

I have experience serving of Board subcommittees and would enjoy fulfilling this type of requirement for AAUS. As a Business Development professional, I feel I would be best utilised



within events or membership but would be pleased to serve on a Committee as required by AAUS.

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

My experience within the unmanned industry has been primarily within the RPAS domain. This has been outlined, in detail, under question 2. While my background is primarily within the acquisition and implementation of unmanned systems within the Defence environment, this has been broadened more recently to multiple sectors within the civilian environment. I believe my Defence experience coupled with more contemporary civilian experience provides me with a unique perspective.

b. Maritime Autonomous System Industry

I believe my extensive land based RPAS experience is transferrable to the maritime environment. The principles of unmanned system integration, particularly the need to understand the problem and define the user requirements, are system and domain agnostic and can be applied to the maritime environment.

Additionally, Mirragin recently submitted a significant bid for the Royal Australian Navy's SEA129-5 program. This bid was focused around an entirely Australia-owned, true sovereign capability.

c. Land-based Autonomous System Industry

I do not have demonstratable experience in this industry

d. Government liaison & advocacy

I have significant links and networks back into State and Federal Government as well as the Department of Defence. As a current Active Reservist, I still maintain links into the Army Drone Program as well as other areas of Defence. Additionally, I have served on working groups focused on providing advocacy of the industry, most recently with AAUS on the RPAS Working Group.

e. Media and communications

I have had extensive Defence Media Training. The result of this was being engaged by National and State News as well as an ABC radio program. Further, I have been interviewed on occasion by news outlets for various news articles. I would have no issue representing AAUS in this capacity and would enjoy the opportunity to spread the good news that comes from AAUS.

f. Membership development



As a member of my RSL Sub-Branch Board, I have been responsible for the development of the more modern veteran base. This has been a challenging task, requiring dedicated volunteering time to meet the Sub-Branch KPIs.

g. Event Management

As a member of the Defence in Business Committee, I have organised large networking events. I typically draw heavily on my project management education and experience to assist with the design and execution of such events. Additionally, I have MC'd events of over 100 participants including in-depth and complex Q&A sessions.

h. Sponsorship and fundraising

As a member of the Defence in Business Committee and as the 2020 Queensland State Ambassador, I engage and interact with large organisations to leverage support and gain sponsorship. I understand the need to provide clear and tangible benefits for potential sponsors and determine the ROI for such commitment.

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

Mirragin Unmanned Systems (Mirragin) is a member of AAUS. My nomination has been provided by the Mirragin Managing Director, Mr. Robert Sutton, who is also a well-known and active member of AAUS and the wider unmanned industry.

A handwritten signature in black ink, appearing to be 'Andrew Crowe', written over a horizontal line.

Signature

Andrew Crowe

Name

20/11/2020

Date