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01 August 2025

Expert Panel
Sunfield Fast-Track Application
FTAA – 2503 -1039

**SUNFIELD FAST-TRACK APPLICATION
RESPONSE TO MINUTE 5 OF THE EXPERT PANEL**

I, Peter Allan Simpson of Avlaw Aviation Consulting Pty Ltd confirm that the report I prepared, for the Sunfield Fast-Track Application, being the Sunfield Aviation Peer Review Letter was prepared in accordance with the Environment Court Practice Note 2023 (Code of Conduct for Expert Witnesses).

As requested by the Expert Panel, details of my qualifications and relevant experience accompany this letter.

Yours sincerely,



Peter Allan Simpson
Heliport and Airport Planning Specialist

Brief Resume - Peter Simpson

Contacts

- [REDACTED]
- [REDACTED]

Qualifications

- Bachelor Engineer (Civil) University of New South Wales
- Master of Science (Airport Planning and Management) Loughborough University of Technology
- Private Pilot Licence
- CASR Part 173 certified Instrument flight procedure designer
- FAA Transport Safety Institute – Heliport Evaluation Course

Appointments/memberships

- National Fire Protection Association: Member, Technical Committee NFPA418 – Standards for Heliports and Vertiports
- Vertical Aviation International (formerly Helicopter Association International):
Member, Industry Advisory Council - Fly Neighbourly
Member, Industry Advisory Council - Vertical Flight Infrastructure

Relevant Experience – Heliport Planning and Design

- Guidelines for EMS heliports – (principal author)
 - Department of Public Works, Queensland (2006)
 - Department of Health & Human Services, Victoria (2009, major revision January 2015)
- EMS heliport studies and inspections
 - Queensland – Department of Health, 1 of 3 auditors for statewide audit of EMS heliports (70+ sites)
 - Victoria – State-wide Heliport Study, Department of Health (30+ sites);
- Individual helicopter medical transport heliport development projects (completed or current) for planning design commissioning and review at numerous locations including
 - Queensland –
 - Rooftop - Gold Coast University, Gympie, Hervey Bay, Ipswich, Mackay Base Hospital, Mater Adults, Princess Alexandra, Queensland Children's Hospital, Rockhampton, Sunshine Coast University, Thursday Island, Toowoomba, Townsville University Hospital.
 - Ground level - Atherton, Beaudesert, Blackwater, Cairns, Cairns South, Cooktown, Moranbah, Prince Charles, Townsville
 - Victoria-- Royal Children's Hospital, Victorian Cancer Care Centre (RMH), Ballarat Base Hospital; Bendigo, University Hospital Geelong, Victorian Heart Hospital, Monash Medical Centre, and Frankston Hospitals (rooftop HLS). Ararat, Leongatha, Kilmore (surface level heliports)
 - South Australia – Royal Adelaide Hospital; Lyell McEwin Hospital; Flinders Medical Centre (rooftop heliports)
 - Canberra – The Canberra Hospital – studies of ground level and rooftop options
 - New South Wales – Orange Bloomfield Hospital (rooftop heliport), Central Coast Regional Cancer Centre (Gosford Hospital); Tamworth Base Hospital; Wollongong Hospital, Southern Region Surf Lifesaver Rescue Helicopter Service relocation.
 - Tasmania – Royal Hobart Hospital (rooftop heliport)
 - Western Australia – Perth Children's Hospital, Royal Perth (rooftop heliports), Karratha Health Campus.
 - New Zealand: Christchurch Hospital - Acute Services Building rooftop heliport
 - Hong Kong: New Acute Hospital, KaiTak. Rooftop heliport.
- Note that all rooftop heliports listed above, except Royal Children's Hospital Melbourne and Frankston, are aluminium structures providing passive fire-fighting protection supplemented by an active Deck Integrated Fire Fighting System using water as the fire-retardant agent.