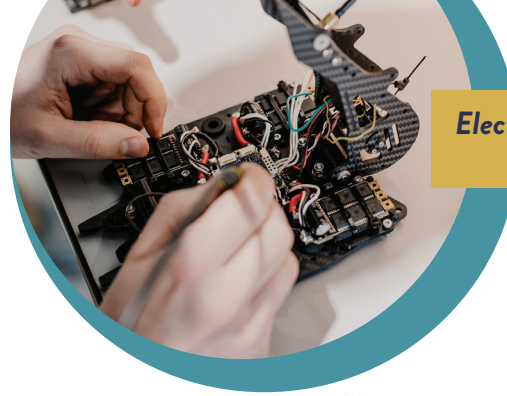
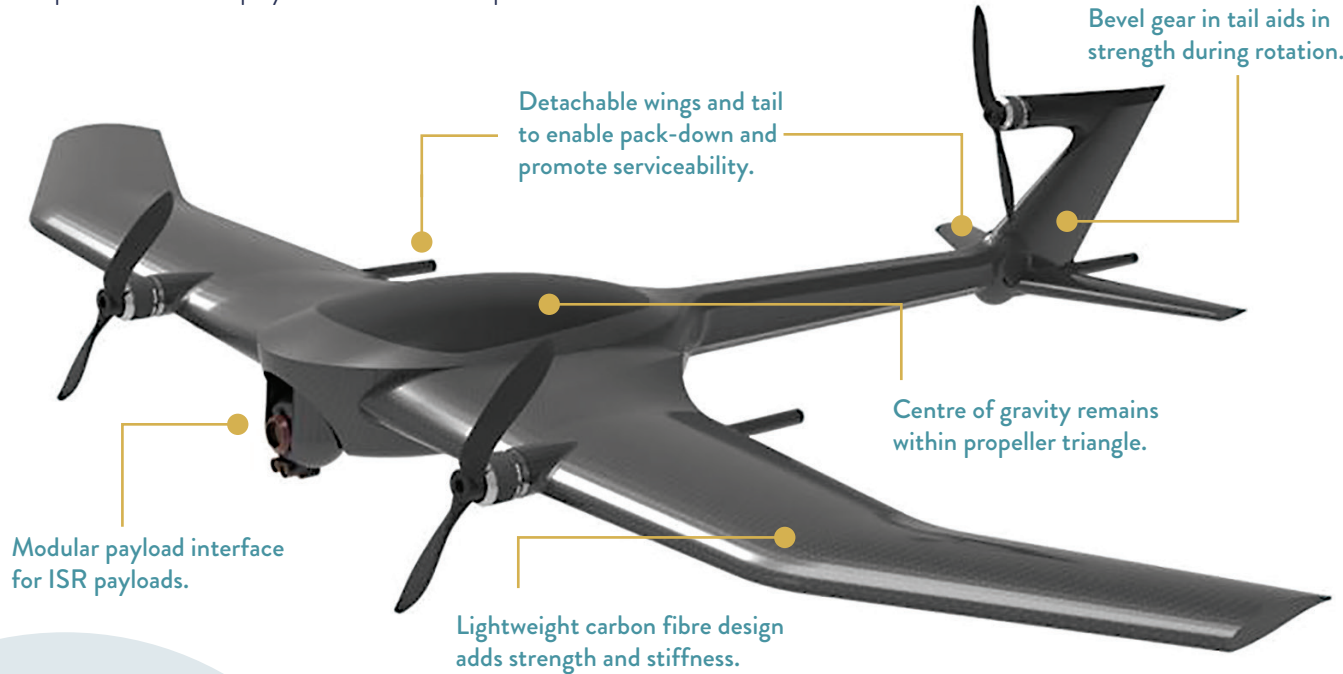


# “Geodrones Dragonfly”

A novel tilt-wing tri-copter designed for maximum capability in ISR missions. Capable of both VTOL and high-efficiency forward flight, Dragonfly offers extended range and flight time alongside the ability to perch, hover and manoeuvre outdoors, indoors and in GPS-denied environments. Each unit is entirely modular and packs down for deployment from one backpack.



Electronics designed in-house



Detachable wings and tail to enable pack-down and promote serviceability.

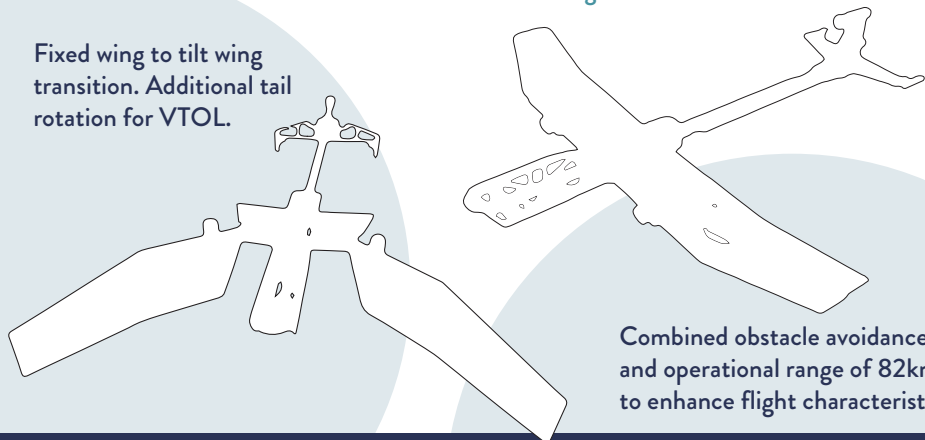
Bevel gear in tail aids in strength during rotation.

Centre of gravity remains within propeller triangle.

Modular payload interface for ISR payloads.

Lightweight carbon fibre design adds strength and stiffness.

Fixed wing to tilt wing transition. Additional tail rotation for VTOL.



Combined obstacle avoidance and operational range of 82km to enhance flight characteristics.



## Specifications

MTOW	2kg
Cruise Speed	70km/h
Maximum Speed	118km/h
Endurance	60 Minutes
Total Range	82km
Operational Radius	41km
Wingspan	1.1m
Length	1m



Custom composite layup and manufacture.





# Innovative and capable drone technology

Founded in 2018, Geodrones is a dedicated Unmanned Aerial Systems (UAS) specialist designing and developing drone technologies with wide ranging applications in the civil, commercial, industrial and military industry.

Wholly Australian owned and based in Canberra, we have worked with private industry, academia and government agencies to build sovereign industrial capability across the unmanned systems sector.

## Partners & Customers

We are an Original Equipment Manufacturer (OEM) of capability that can be applied across the Defence & National Security Sectors, along with Emergency Services.

### Key partners

XTEK, Bespoke Engineering (Adelaide); Monash University (Materials Science); Frazer-Nash Consulting (Engineering Support); CIT (Advanced Manufacturing Training).

### Key customers

Australian Defence Force, including Special Forces, RAAF, Navy and Army; Australian Government; and B2B product sales.

*We are passionate about innovative technology, delivering rapid solutions, connection to community and a robust Australian industry.*



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