

Big White Super Drone 18725638076



Description

The aircraft was initially designed for long range, high altitude, flying but battery life proved a limiting factor. This redesign is intended to improve on that by using lightweight solar cells fitted to the wings to augment to battery. While it is not practical to fully recharge the battery this way, flight times have been extended to up to 60% (depending on weather).

Purchase Info

From Wombats Second Hand Aircraft
Date Apr 16, 2021
New? No

Notes

Aircraft is battery controlled but the battery only lasts two hours. It has a four hour recharge cycle, so suggest two spares. One in flight, one ready for swap in and one on charge.

A project needs to be started to analyze battery usage and see if we can optimize it to reduce battery load and extend flight times. Given the life-cycle of a battery, the cost of constant replacements will be prohibitive.

Flight Statistics

Number of flights 2
Total flying time 21.0 minutes

Flight Details

James, Martha Number of flights: 2
 Flying time: 21 minutes.

Maintenance Log

Jun 01, 2023 Unpack spares and check
 The aircraft came with a box of spares which I needed to sort through and grade on their usability.

Jun 03, 2023 Charge battery
 Replaced battery with a new, higher capacity, model. This needs to be charged for a minmum of 12 hours bbefore the next flight.

Jun 04, 2023 Replace Wheels
 Noticed damage to the port side wheel, so replaced all wheels to be safe.

Jun 11, 2023 Do some stuff
Do what you want

Jun 12, 2023 Repair paintwork

Paintwork was damaged in transit. The aircraft was sanded down and repainted to restore the original colour.