

# Continuing Airworthiness Notice – Unmanned Aircraft



## DJI Agras T50 and DJI FlyCart 30 – Tubular arm delamination

20 December 2024

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Issued by the Civil Aviation Authority of New Zealand (CAA) in the interests of aviation safety. A Continuing Airworthiness Notice (CAN) is intended to alert, educate, and make recommendations to the aviation community.

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### **Applicability:**

DJI Agras T50 and DJI FlyCart 30 operators and maintenance providers.

### **Purpose:**

The purpose of this CAN is to notify DJI Agras T50 and DJI FlyCart 30 operators of a recent report from industry of a manufacturing defect in DJI T50 and FC30 aircraft whereby the composite outer tubular arms have delaminated at the junction of the arm and the injection-moulded ESC/motor mounts.

### **Background:**

CAA have received a report of delamination of composite outer tubular arms of DJI Agras T50 and DJI FlyCart 30 aircraft which have the potential to render the aircraft unairworthy. Deterioration is understood to be easily detected by visual inspection and CAA are not aware of any failures to date.

### **Recommendation:**

Operators are advised to incorporate a detailed visual inspection of all tubular arms into their 6 monthly inspection of the aircraft. Where deterioration/delamination is observed the operator should ensure that an assessment is made, including measuring and photographing the damaged areas so that any growth can be tracked. Photos of any damage should be included in the maintenance log for the aircraft.

Initial Airworthiness Inspection, carried out by CAA approved organisations, will identify aircraft which are susceptible to the defect and initiate the documentation and inspection procedure.

Operators who are concerned about the degree of deterioration identified should seek guidance from the aircraft manufacturer.

CAA requests that operators and maintenance providers report any findings of damage including delamination by completing a CA005 Defect Report form. [Occurrence report - remotely piloted aircraft systems](#)

The completed form can be emailed to the CAA at: [caa005@caa.govt.nz](mailto:caa005@caa.govt.nz)

Any questions can be directed to: [corey.price@caa.govt.nz](mailto:corey.price@caa.govt.nz)

### **Conclusion:**

CAA will continue to monitor reports and liaise with the manufacturer and will update this CAN accordingly.

