

Drones for Forestry. -Implementation Update



Launch – 25th Dec



Laws, Regulations

- 3.5 Commercial RPAS; operators must apply for an Authorisation using the CAAF form OP-138. A written authorisation must be received from the Authority prior to the conduct of flights. Furthermore, such RPAS must meet internationally recognised standards, and the persons or organisations that construct, maintain, and operate them must be qualified or certificated in a manner acceptable to the Authority.
- 3.7 The Authority does not certify RPAS or the RPAS operators, but will accept certification from internationally recognized bodies set up to perform these functions. The following organisations have been deemed to be acceptable:-
- FAA (UAS Division certification)
 - CASA
 - NZ CAA
 - UK CAA
 - EASA, and
 - any other internationally recognized body assessed as acceptable by the Authority.

4.5 “Unmanned Aircraft” are classified as follows:-

- 4.5.1 Into 4 weight divisions:-
- Very small: 250g - 2kg
 - Small: 2kg - 7kg
 - Medium: 7kg-150kg
 - Large: >150kg
- 4.5.2 And into operating capabilities:-
- Line of Sight
 - Beyond Visual Line of Sight

FIJI AERONAUTICAL INFORMATION CIRCULAR	
 ISO 9001:2015 CERTIFIED	Civil Aviation Authority of Fiji Private Bag (NAP0354), Nadi Airport, Fiji Tel: (679) 8923 155; Fax (679) 6721 500 Website: www.caaf.org.fj
AIC 08/19 Effective 15 AUG 2019 OPS/ATC	

This AIC replaces AIC 03/16, which is hereby cancelled.

OPERATION OF REMOTELY PILOTED AIRCRAFT SYSTEMS **(a.k.a RPAS, UA or Drones)**

LICENSING

- 3 Pilots
- Endorsements- sub 25kg multi rotor and VTOL sub 7kg
- AROC



DRONE

- Mavic 2 Pro Fly More Combo
- Smart Controller Limitations



DOCUMENTATION

- Insurance
- Remote Operators Certificate
- Flight Log
- Operations Manual
- Operations Procedures
- Emergency Procedures
- Flight Checklist

SOFTWARE

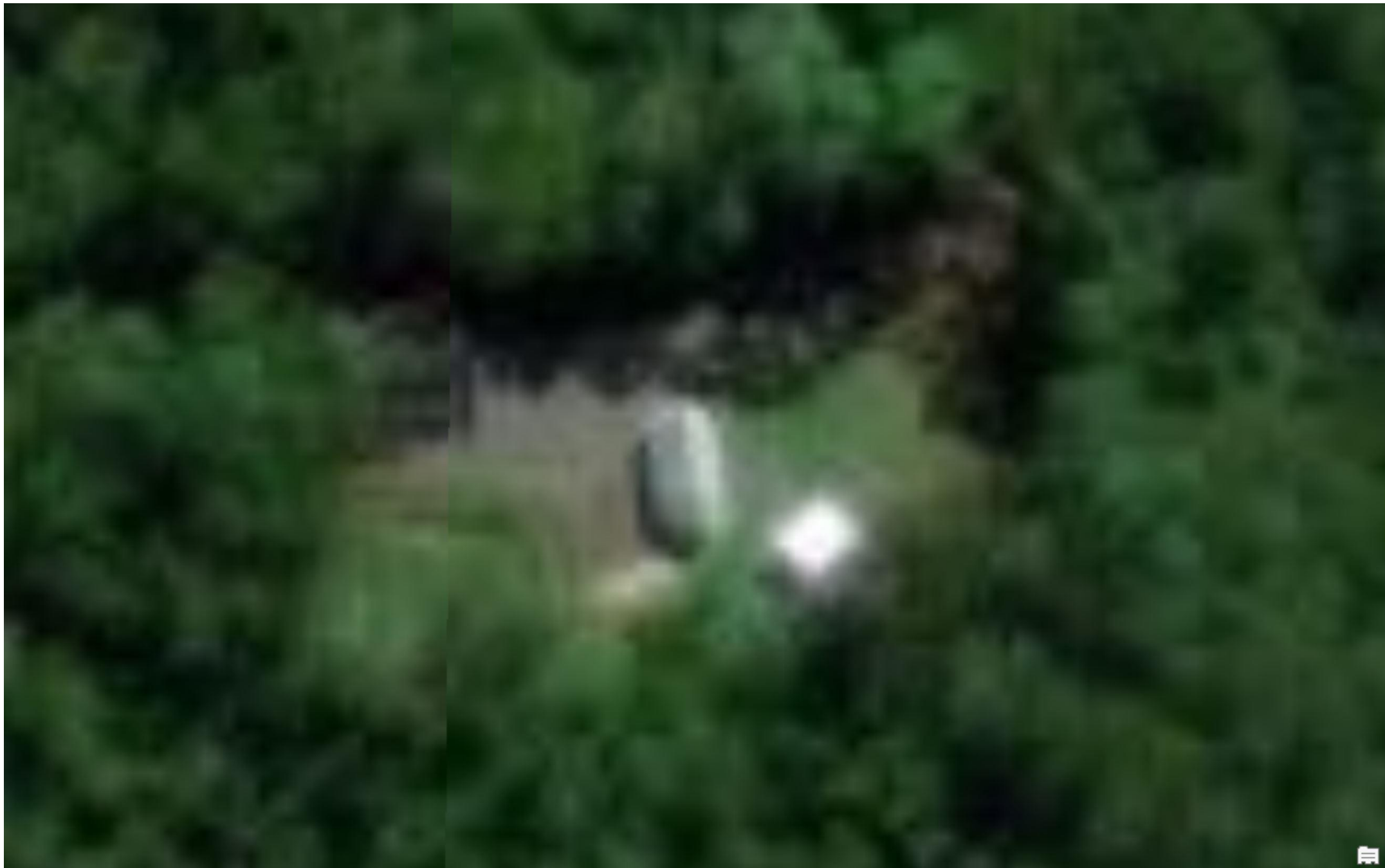
- PIX4D
- Drone2Map
- CONTRACT PROCESSING OF DATA TO USP

So Far...











Issues so far...



DJI_0369.JPG



DJI_0370.JPG



DJI_0371.JPG



DJI_0372.JPG



DJI_0373.JPG



DJI_0374.JPG



DJI_0375.JPG



DJI_0376.JPG



DJI_0377.JPG



DJI_0378.JPG



DJI_0379.JPG



DJI_0380.JPG



DJI_0381.JPG



DJI_0382.JPG



DJI_0383.JPG



DJI_0384.JPG



DJI_0385.JPG



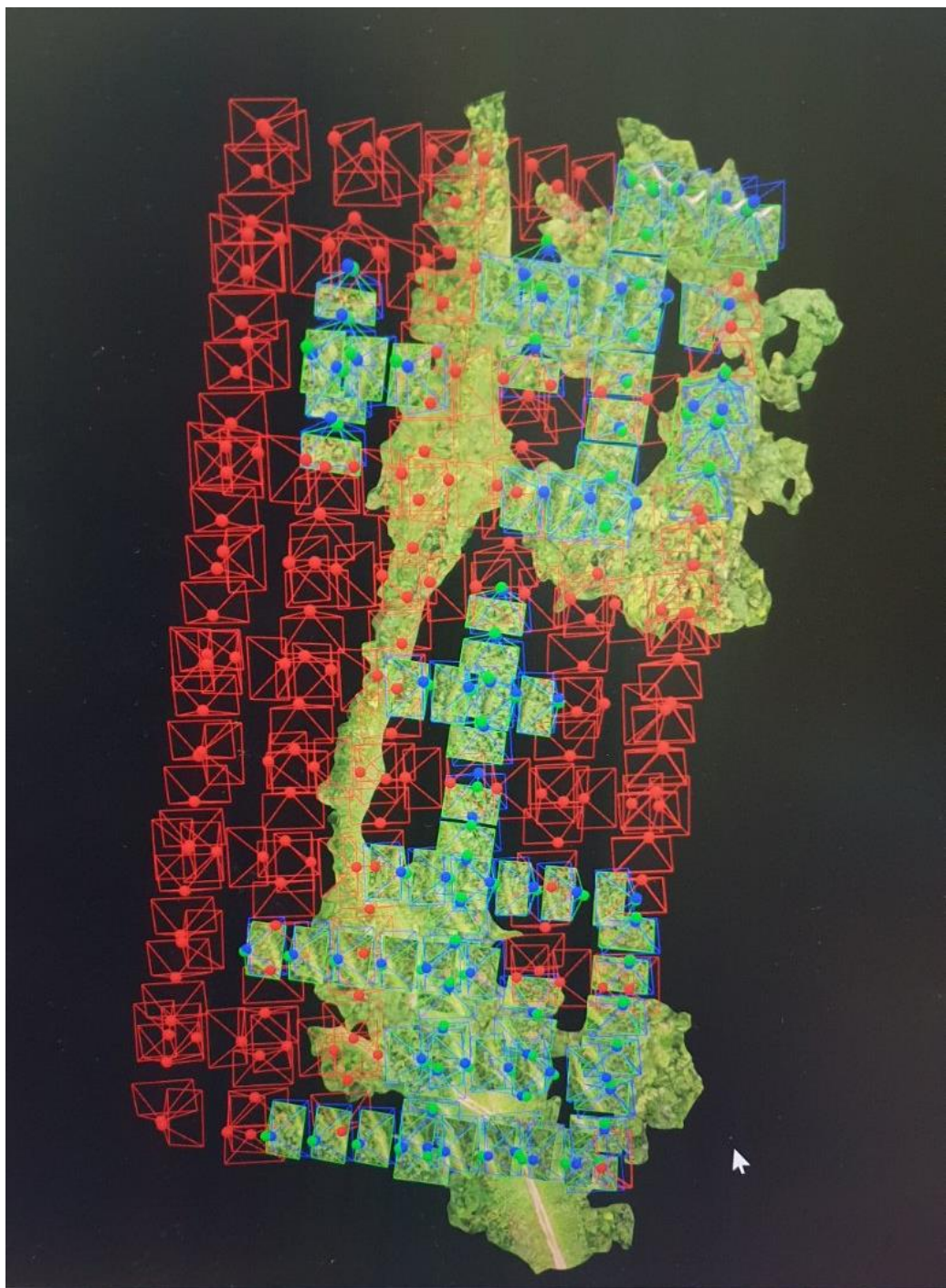
DJI_0386.JPG



DJI_0387.JPG



DJI_0388.JPG



Way forward...

Trinity F90+





Matrice 600





LiDAR



DJI Matrice 200



Structure

