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Module 2: SOP Of Using Drone

Session 5:

- * RPAS Physical Checks**
- * GCS tablet and RC Transmitter Health checks**



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RPAS Physical Checks

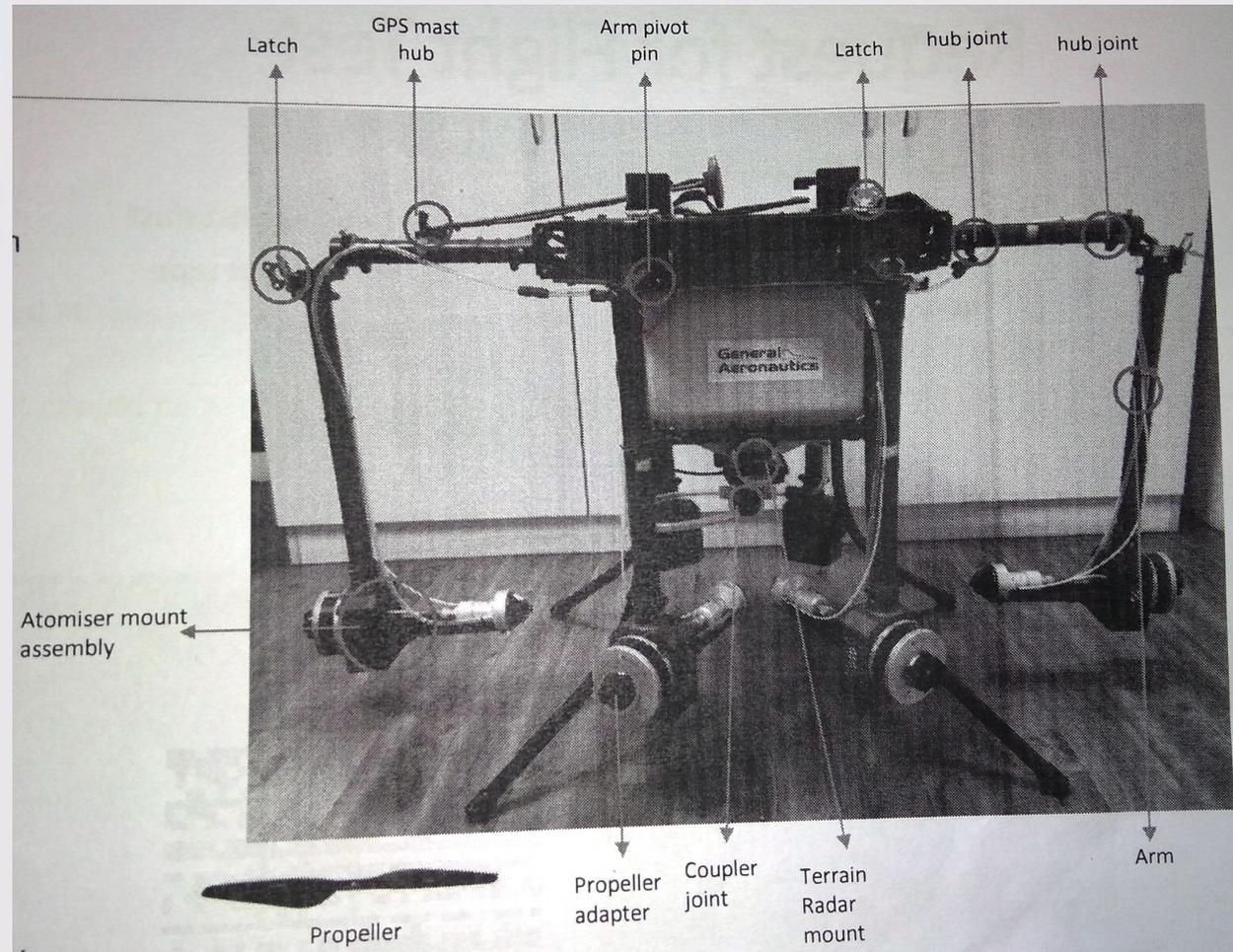
Check the mechanical integrity of the following

- Check all parts are in good condition, replace aged or broken parts before flight a Check for rust at Arm joints and arm locking latches
- Check atomizer mounts for debonding
- Check Motor mounting for loose screws
- Check motor quick lock adapter screws and spring condition
- Check tightness GPS mast mount screws Check tightness of Centre hub access plate screws
- Check tightness of atomizer mount screws
- Check landing gear and tank are firmly in place Check for loose fittings in plumbing system



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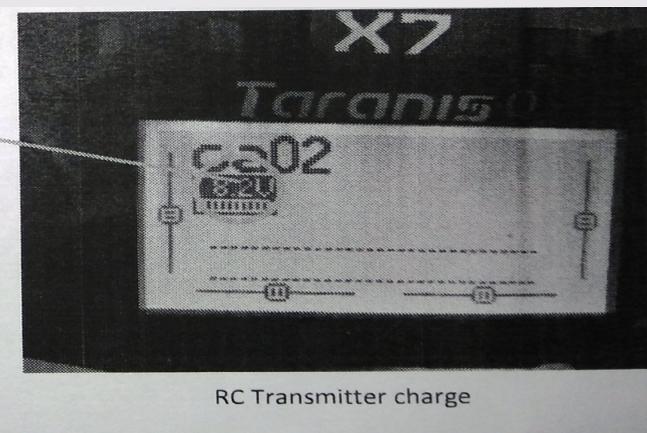
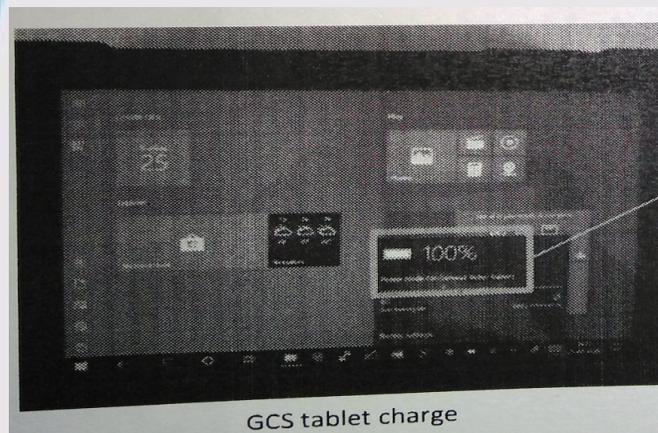
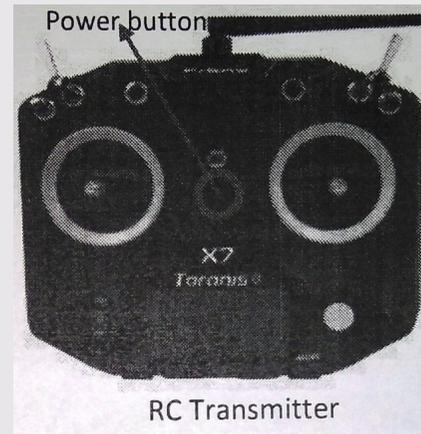
- Check the pump mount housing
- Check the terrain radar mount housing .
- Check battery mount and battery strap rigidity
- Check propellers are in good condition and adapters are intact
- Check nothing is obstructing motors rotation



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GCS tablet and RC Transmitter Health checks

- GCS tablet charge should be $>90\%$





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- Power-on RC transmitter by pressing the power button provided at the center of the transmitter as shown in the figure
- RC transmitter charge will be displayed on the top left corner, it should be $> 7.9 \text{ V}$



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Thank you...