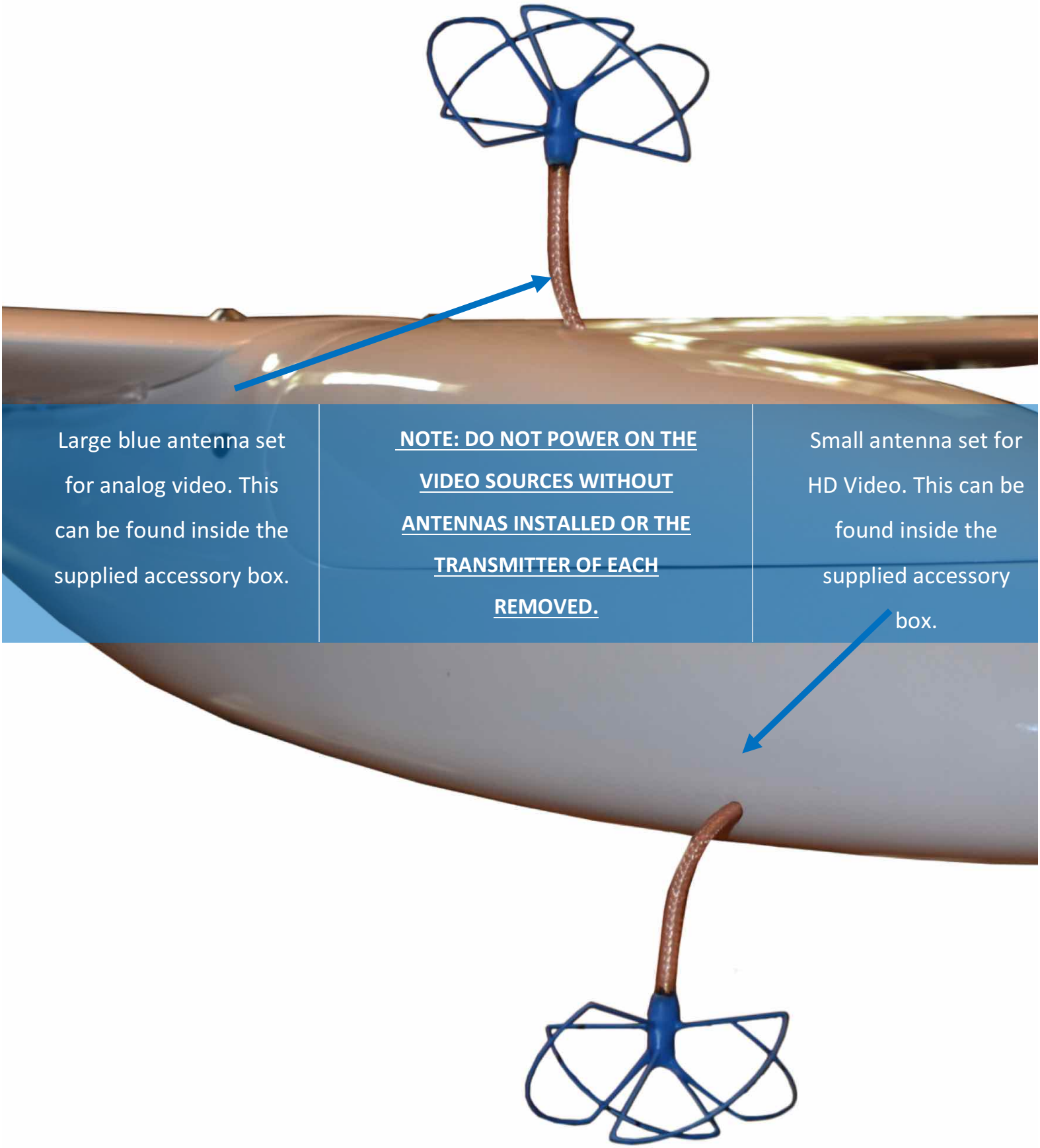
ALBATROSS UAV

SUGGESTED SET UP: AVIONICS

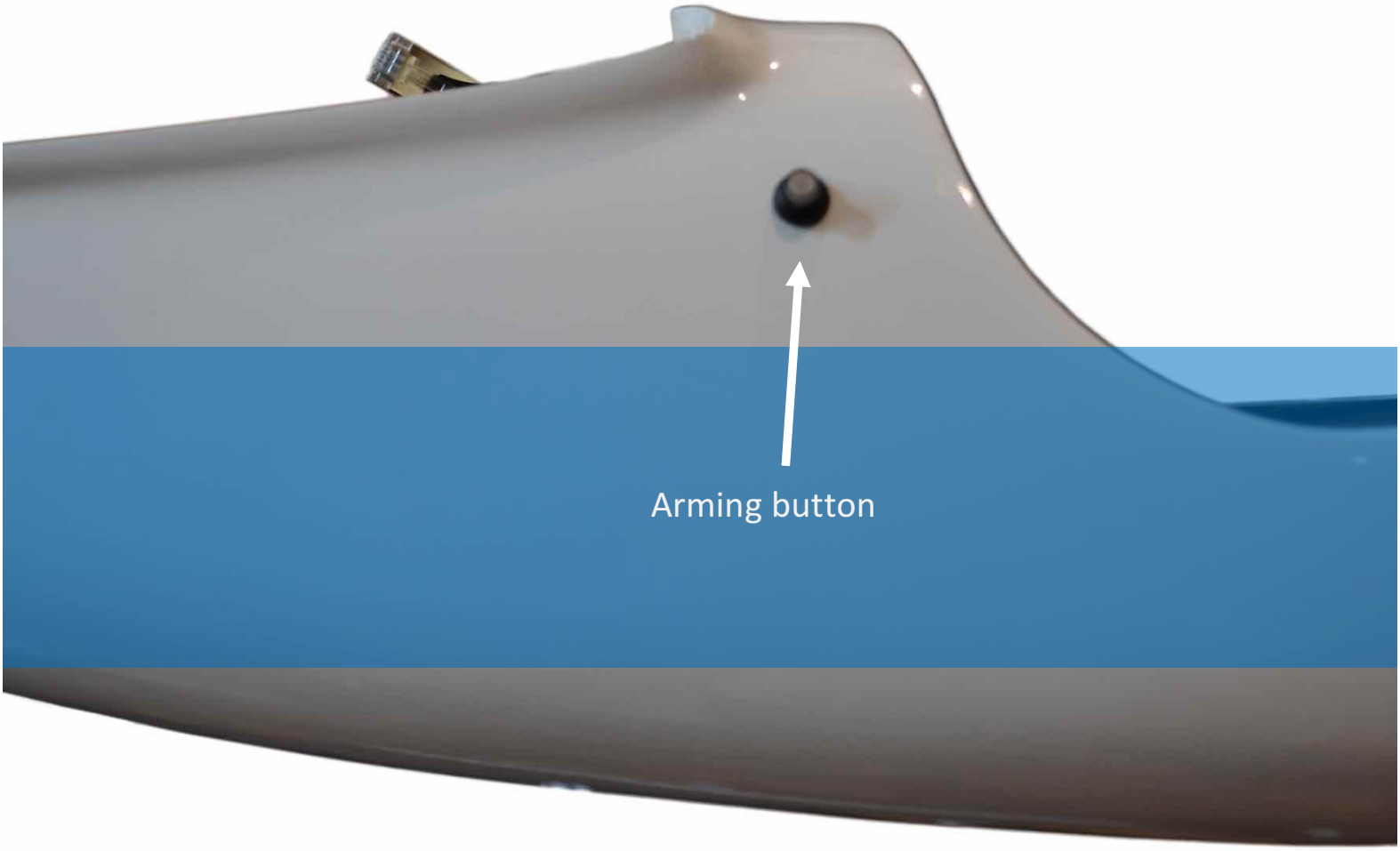
Applied Aeronautics. Revision 1.1



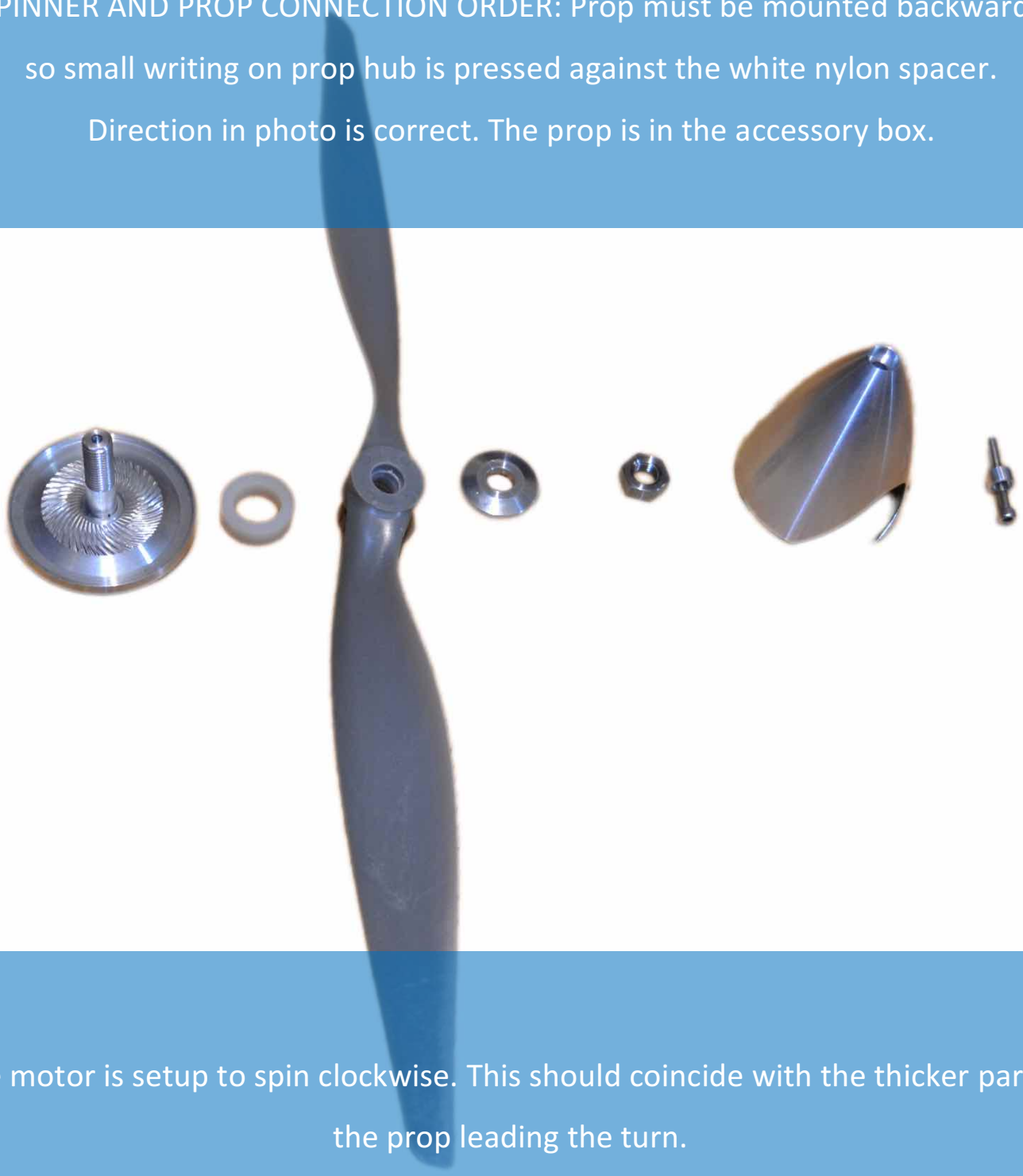
Large blue antenna set for analog video. This can be found inside the supplied accessory box.

NOTE: DO NOT POWER ON THE VIDEO SOURCES WITHOUT ANTENNAS INSTALLED OR THE TRANSMITTER OF EACH REMOVED.

Small antenna set for HD Video. This can be found inside the supplied accessory box.



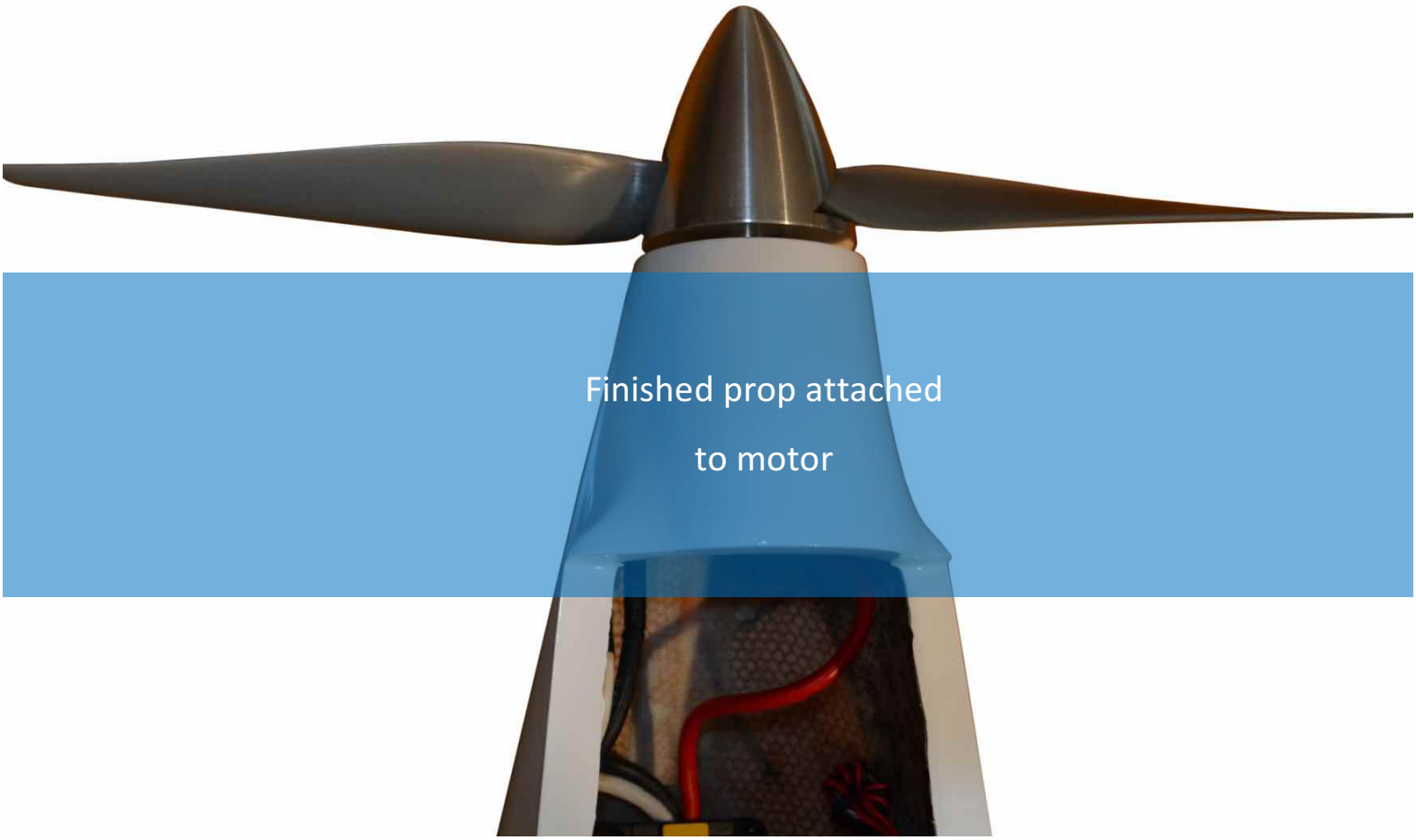
SPINNER AND PROP CONNECTION ORDER: Prop must be mounted backwards so small writing on prop hub is pressed against the white nylon spacer. Direction in photo is correct. The prop is in the accessory box.



The motor is setup to spin clockwise. This should coincide with the thicker part of the prop leading the turn.

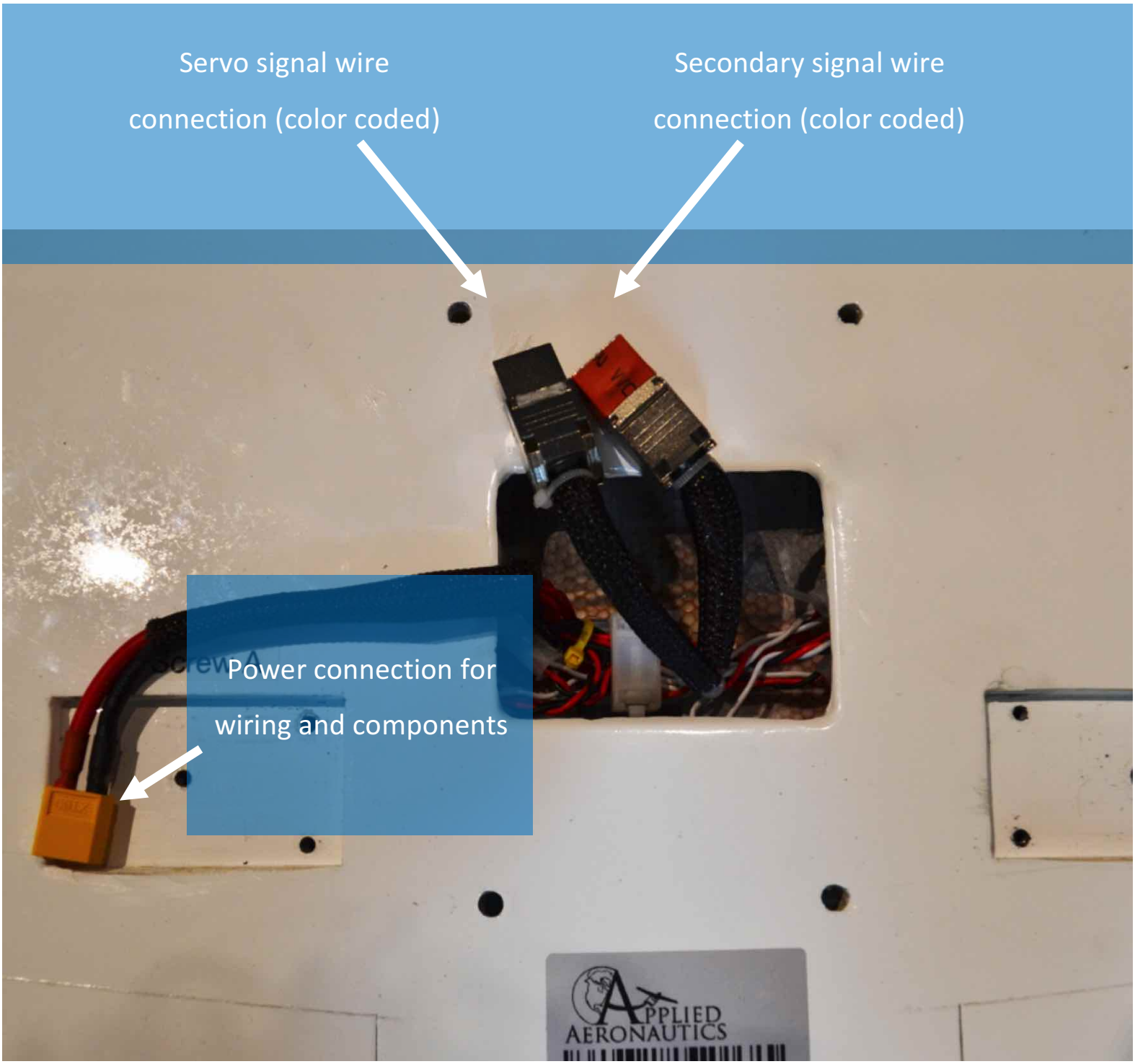
Finished spinner and propeller

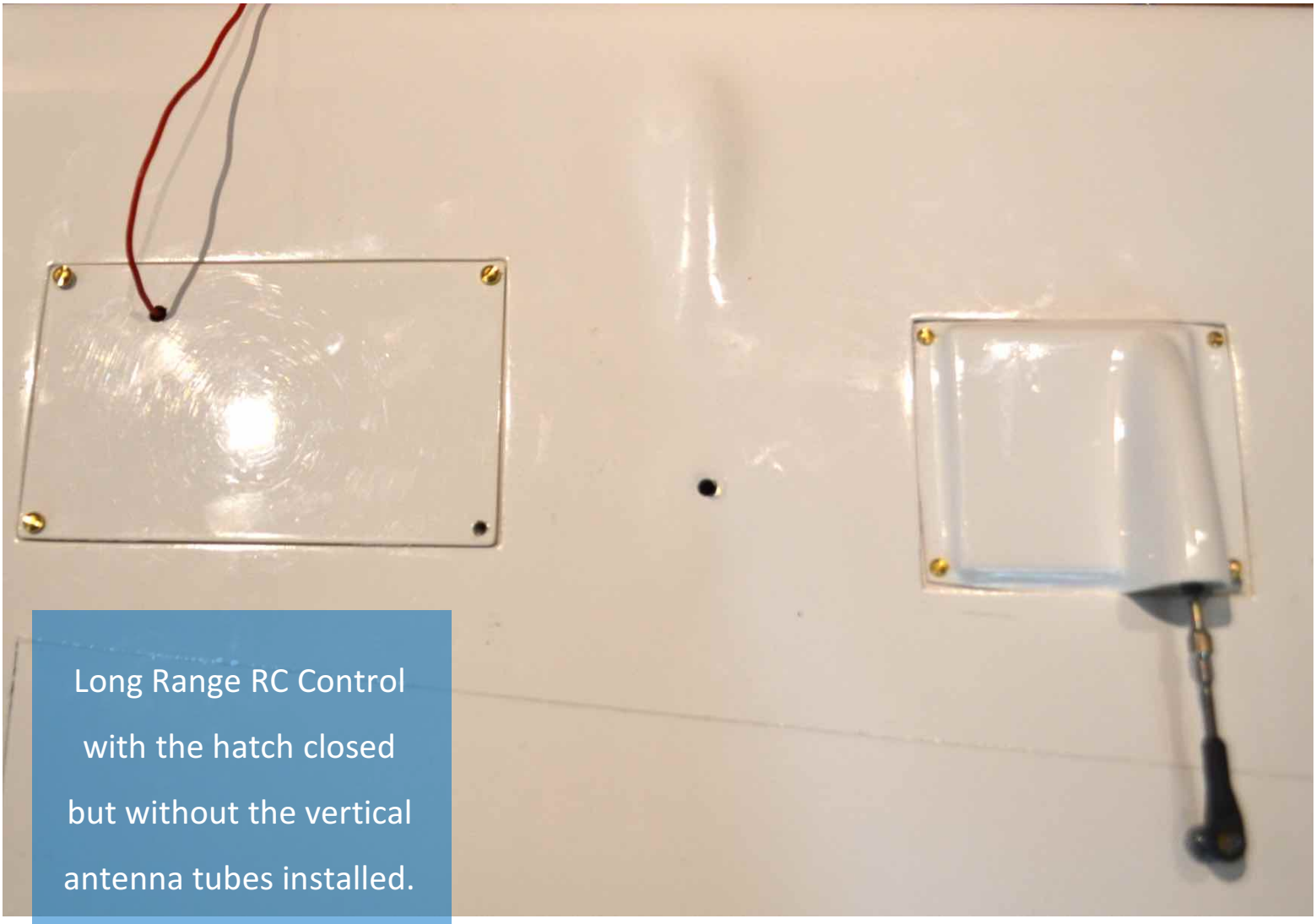
Prop attached to motor shaft. This must be secured tightly.



Finished prop attached

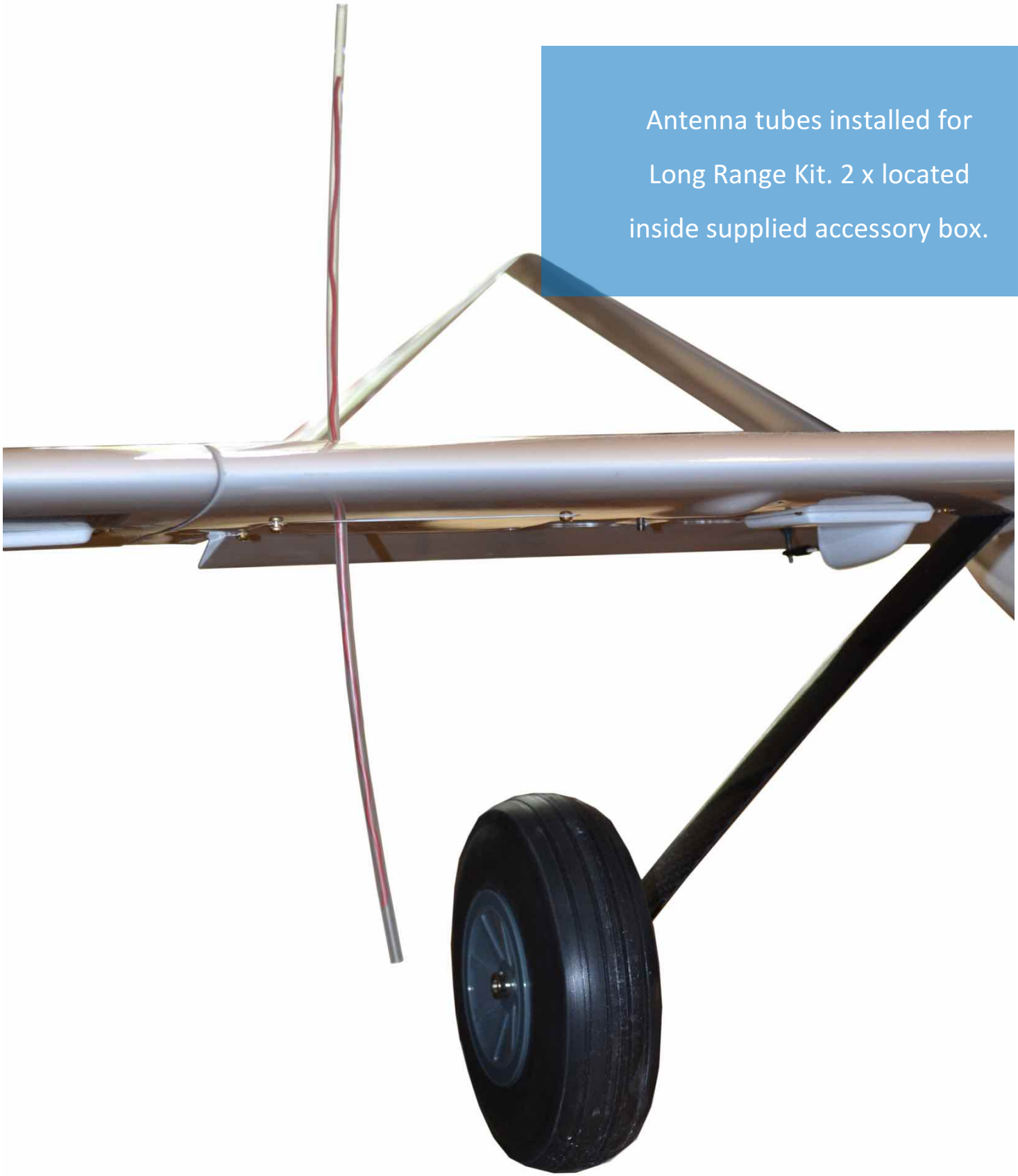
to motor





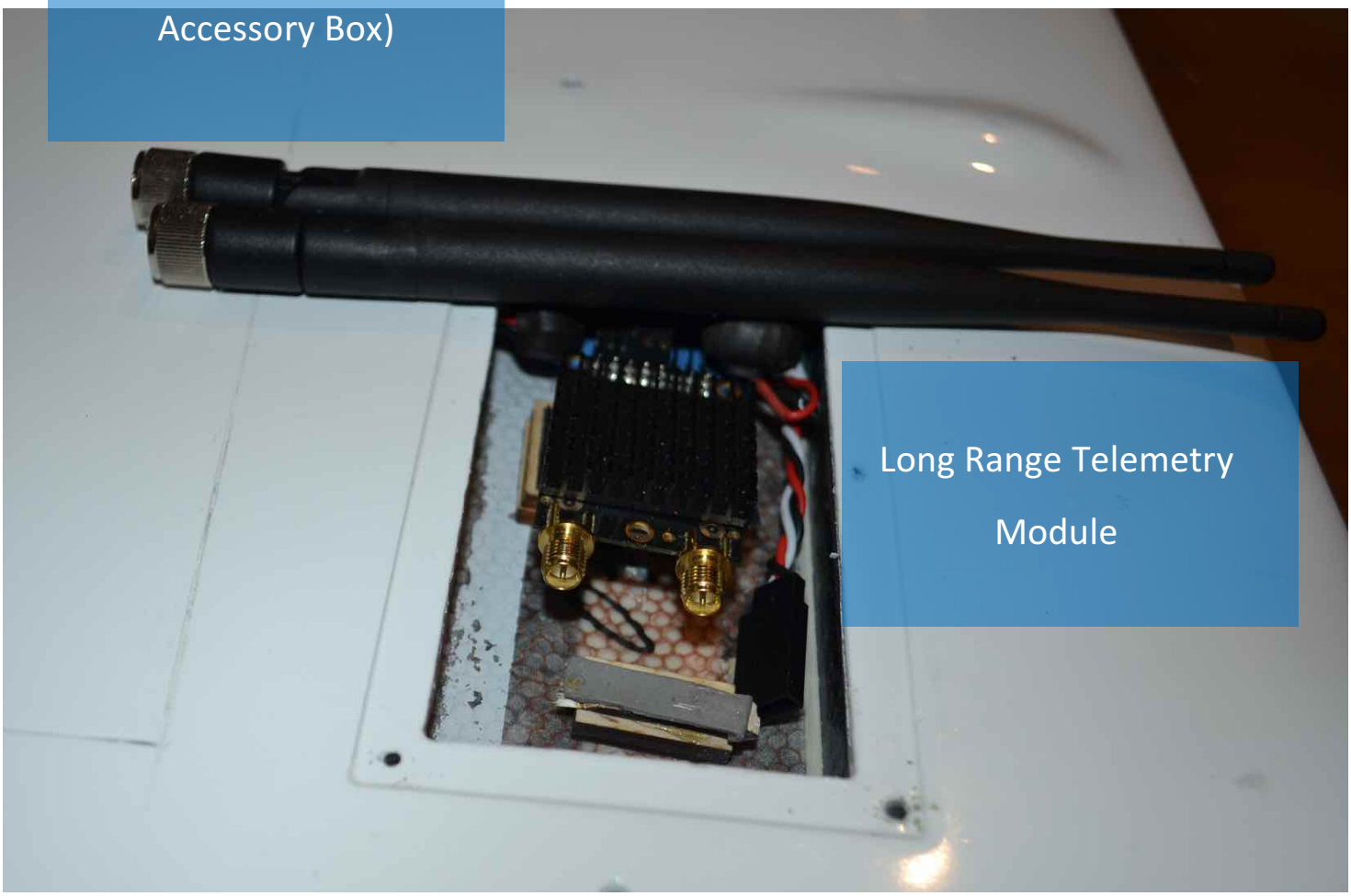
Long Range RC Control with the hatch closed but without the vertical antenna tubes installed.

They are pushed through and will stay in place once in (see corresponding photo).

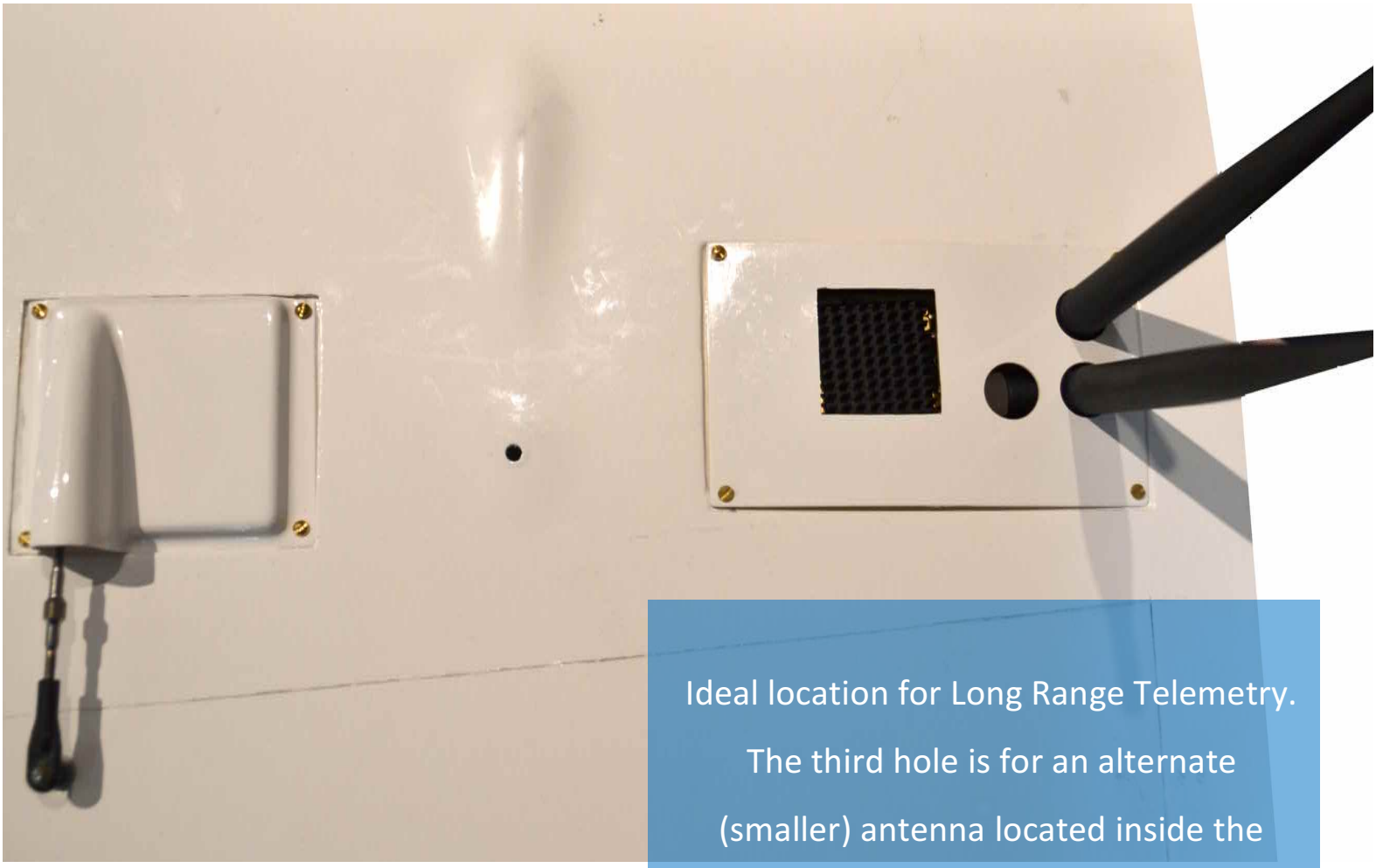


Antenna tubes installed for Long Range Kit. 2 x located inside supplied accessory box.

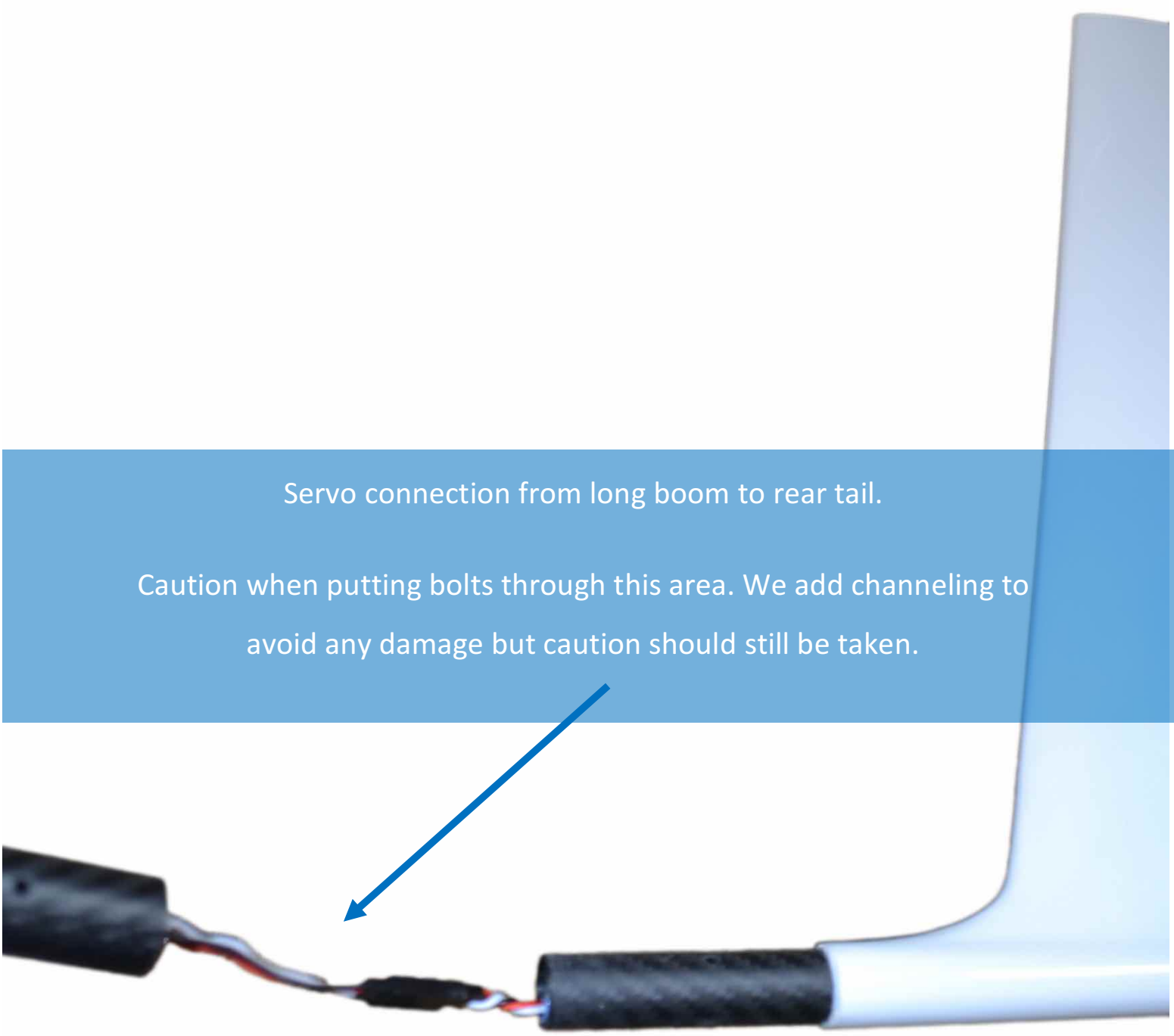
Long Range Telemetry Module Antennas (Inside Accessory Box)



Long Range Telemetry Module

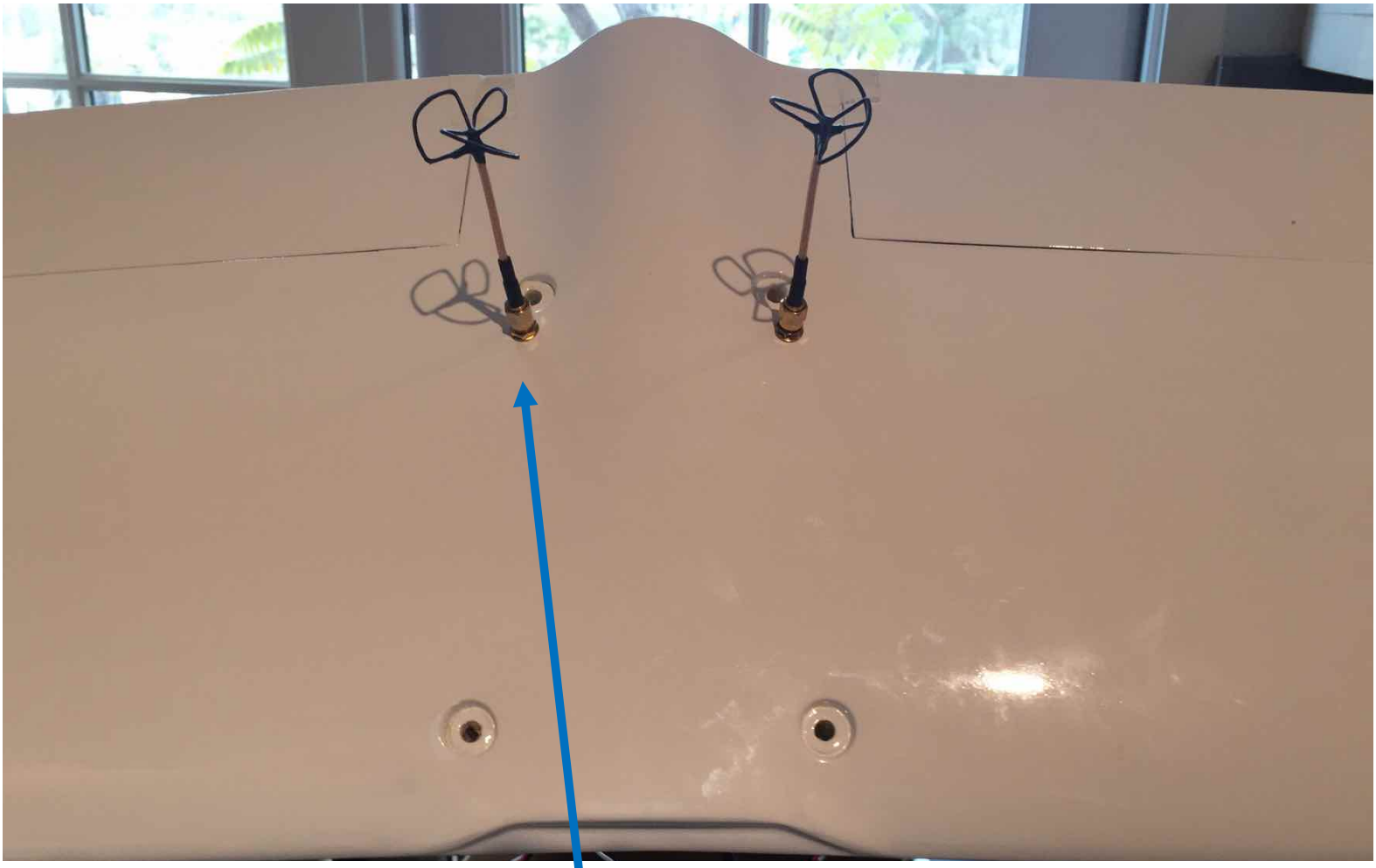


Ideal location for Long Range Telemetry. The third hole is for an alternate (smaller) antenna located inside the accessory box.

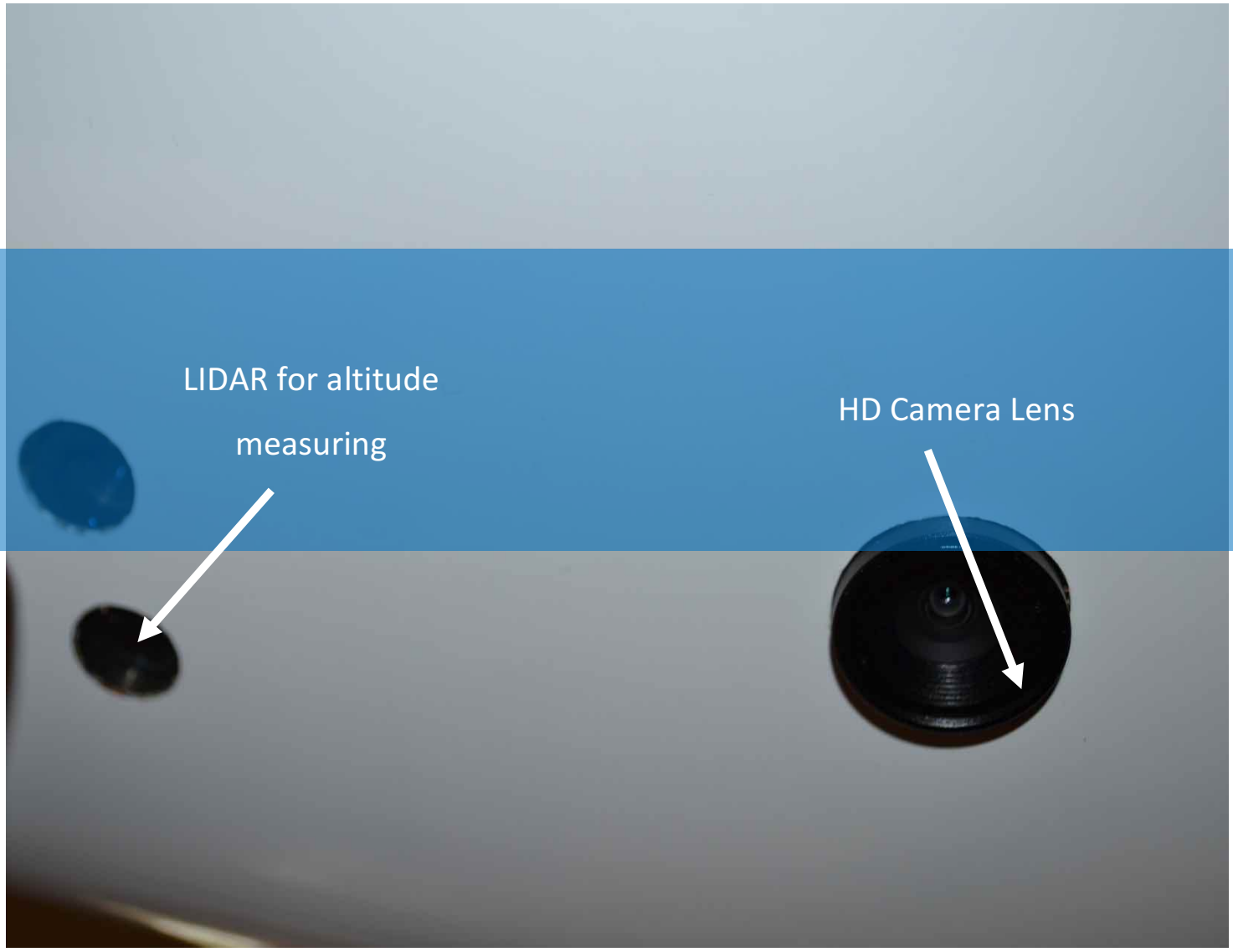


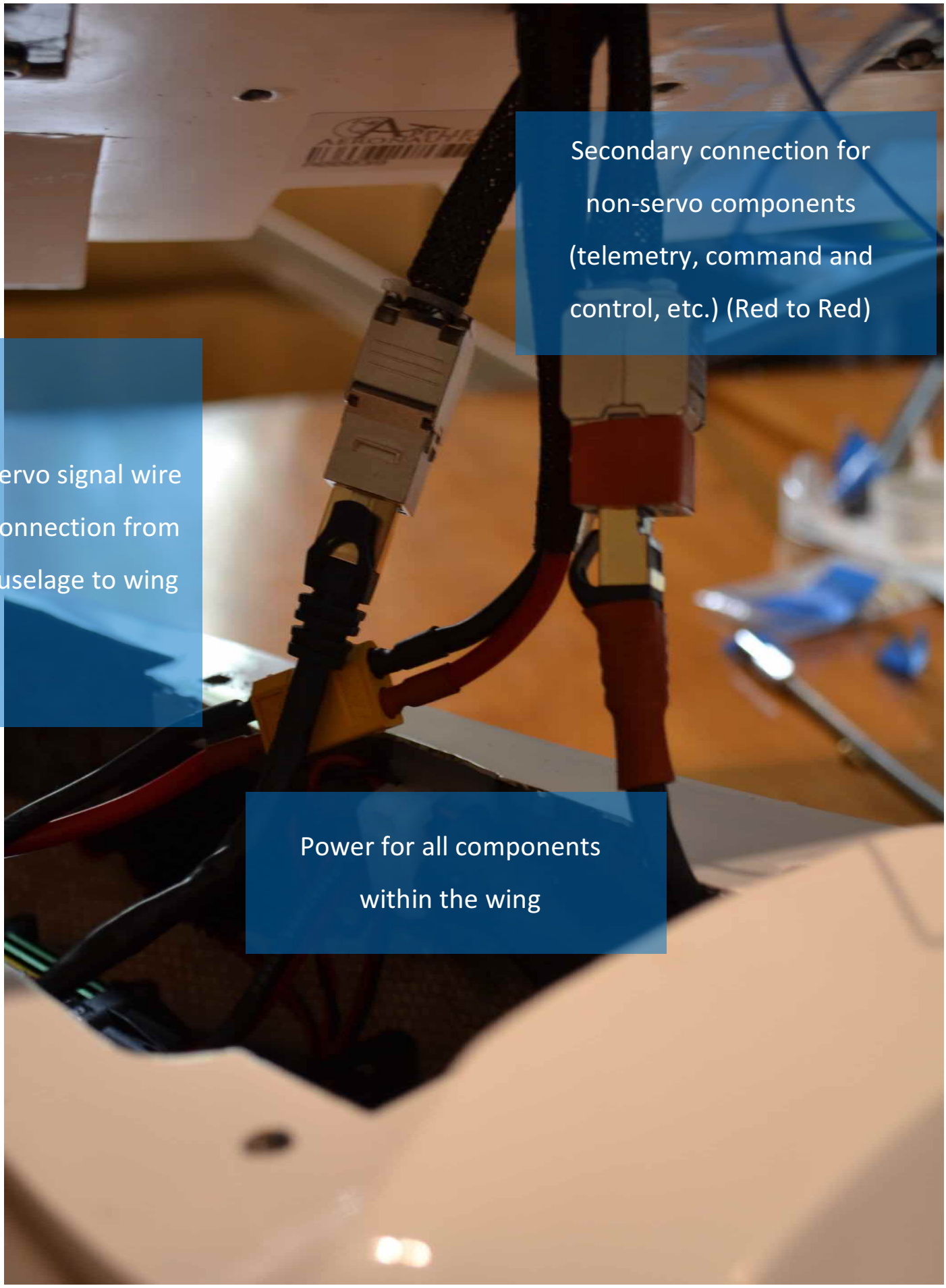
Servo connection from long boom to rear tail.

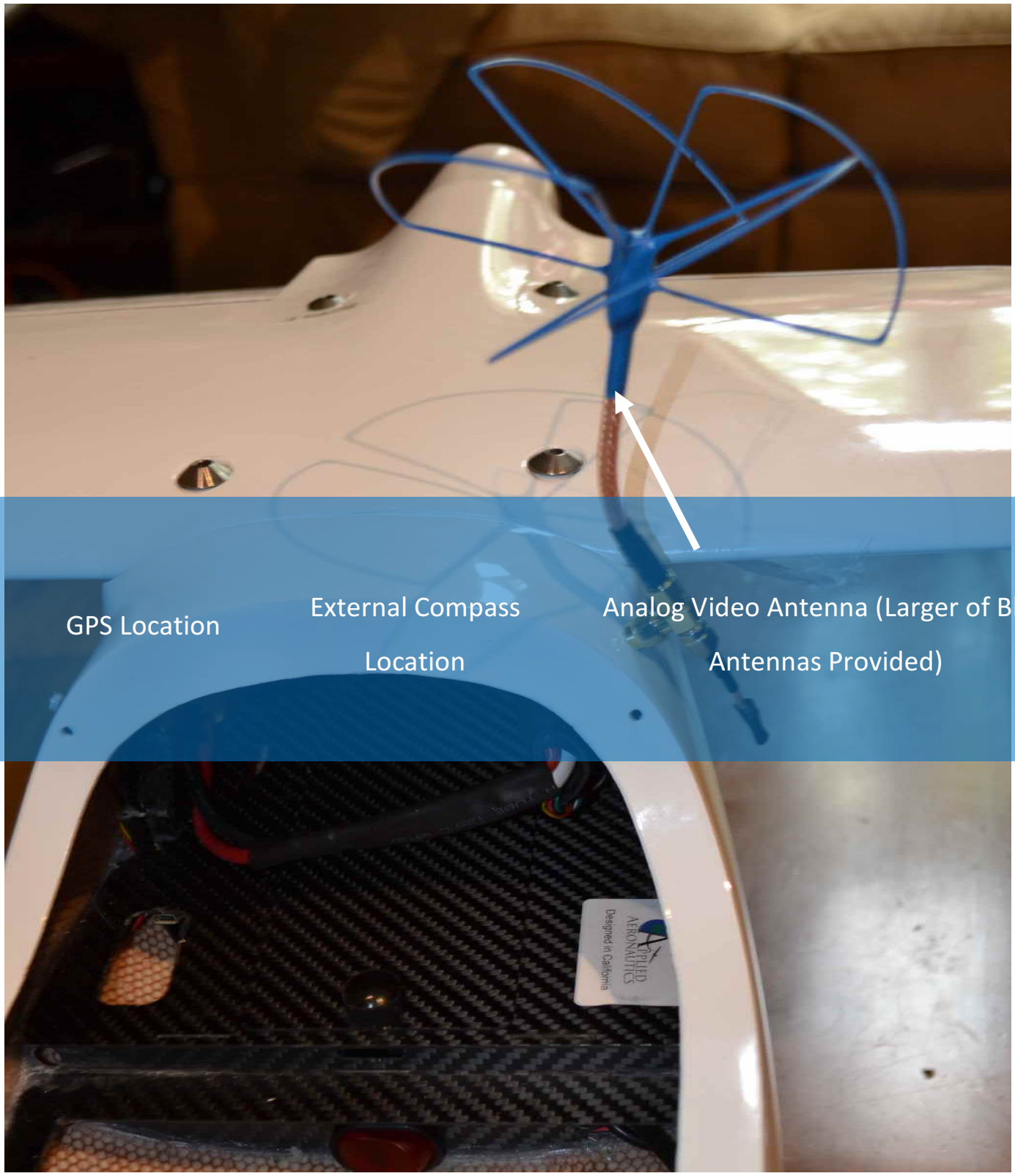
Caution when putting bolts through this area. We add channeling to avoid any damage but caution should still be taken.



Alternate location for AppliedHD Transmitter





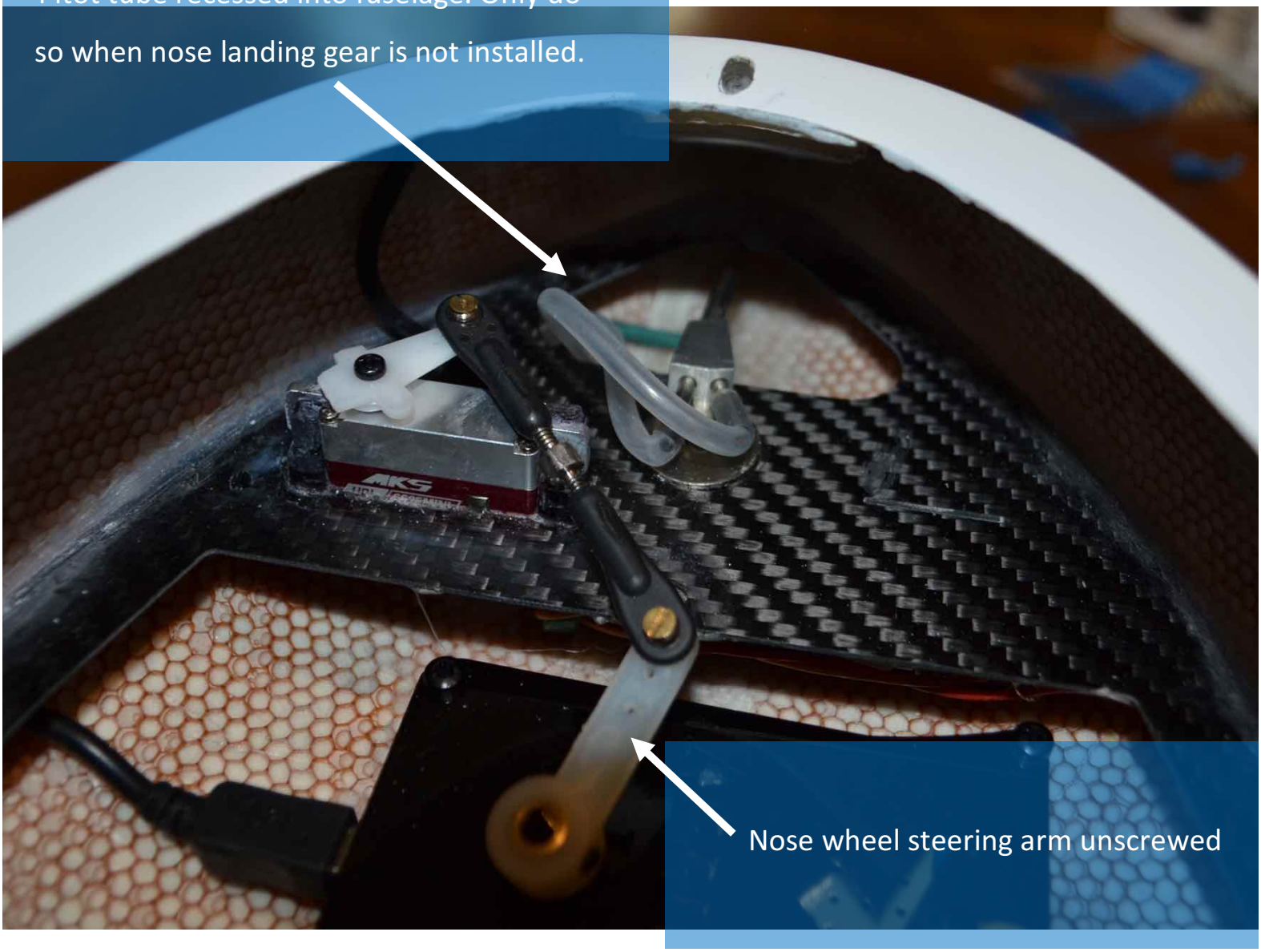


Hatch where autopilot, LIDAR and cabling is located. For our RTF customers we do not recommend opening this hatch unless maintenance is being performed.

Through this hatch you can also access the HD video encoding unit.

We suggest our kit customers mount avionics like so.

Pitot tube recessed into fuselage. Only do so when nose landing gear is not installed.



Nose wheel steering arm unscrewed