

# GPS-1 Mounting

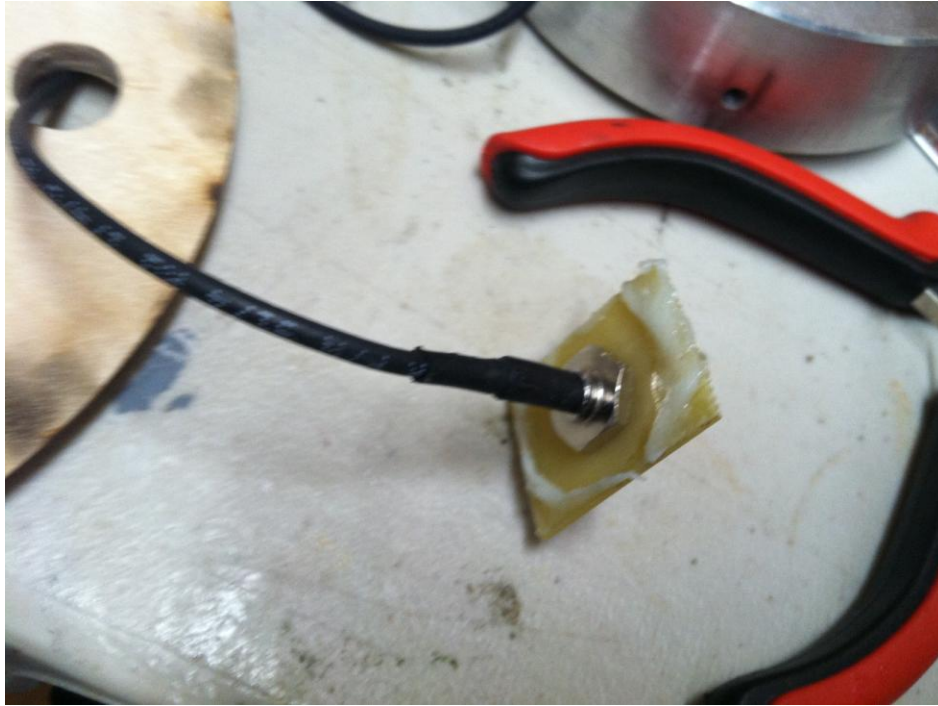
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A 1/8" piece of G10 cut into a 2x2 or 2x1 rectangle with a 1/4" hole drilled in the middle is glued on top of the bulkplate. A hole which is 1/2" in diameter is drilled away from all metal parts for the RPSMA to fit through. The Polecat Aerospace components are laser-cut, ensuring proper sled alignment and no bind of all-threads.





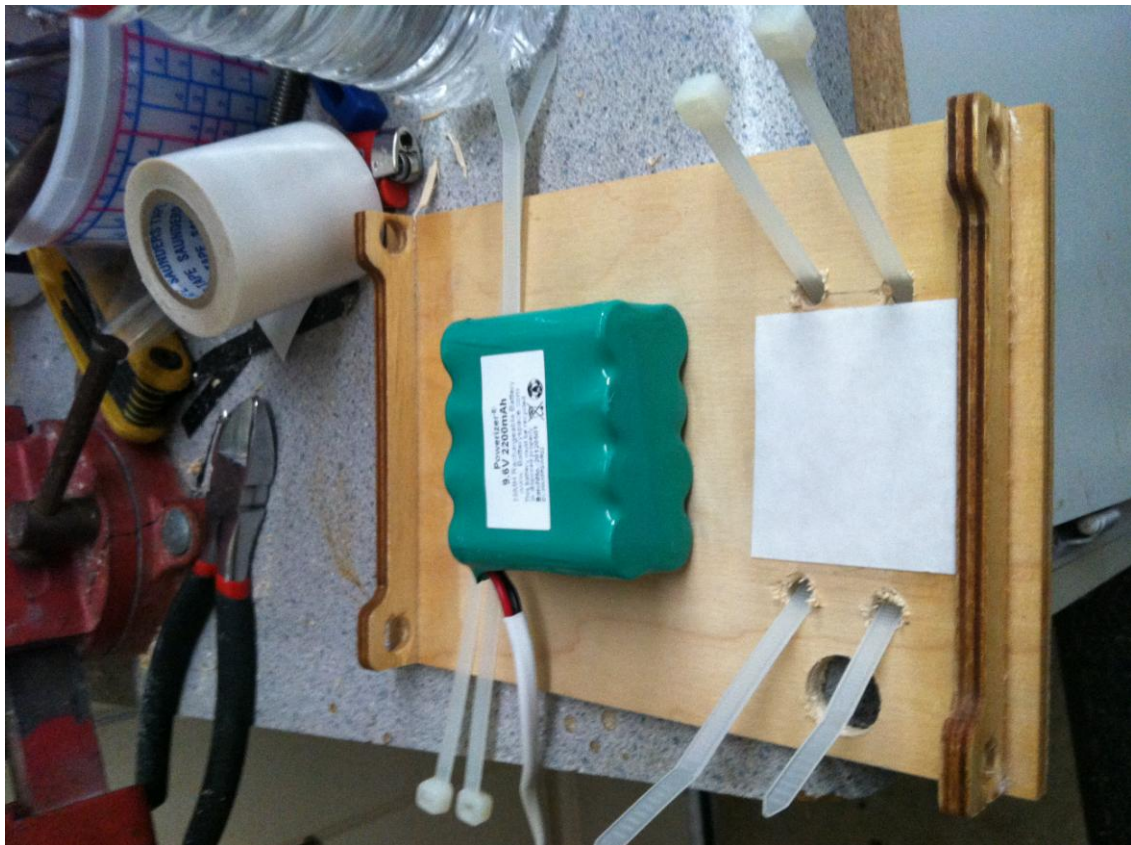




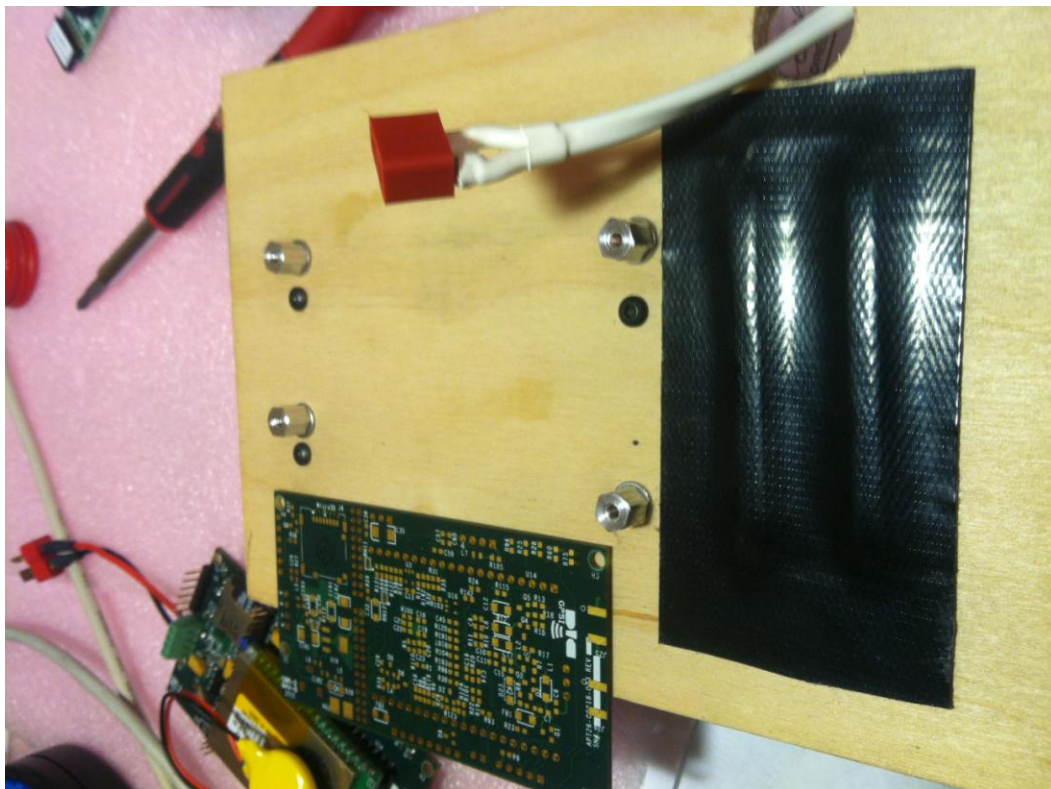




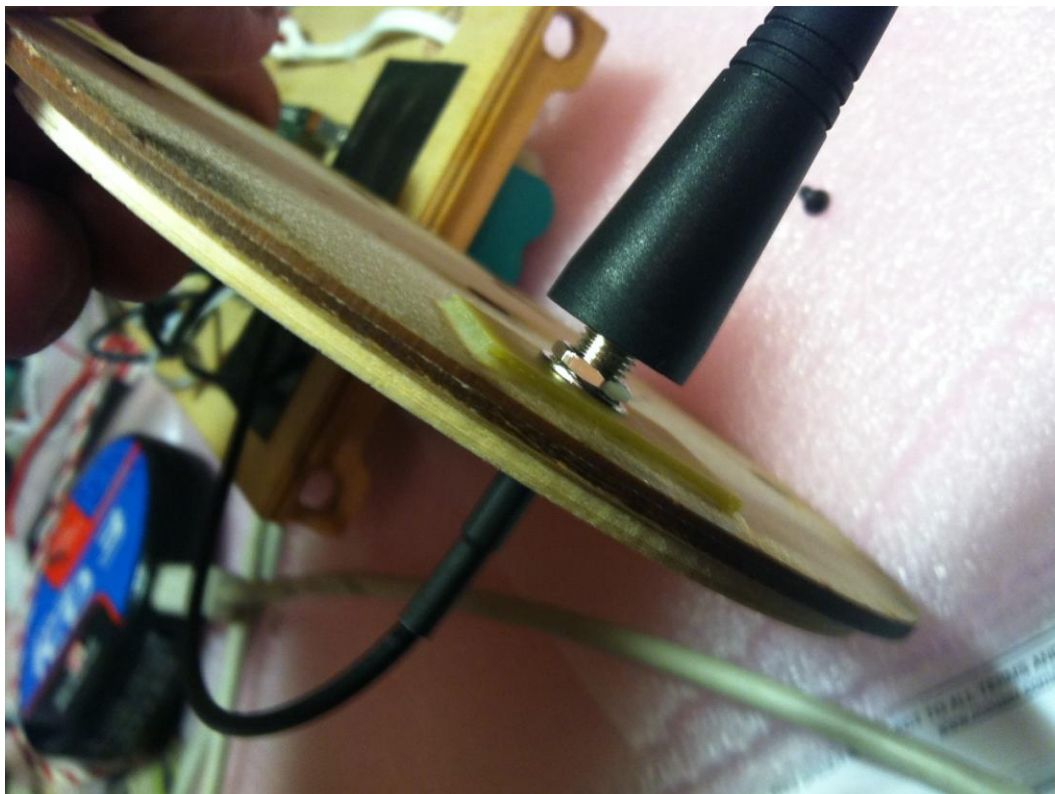
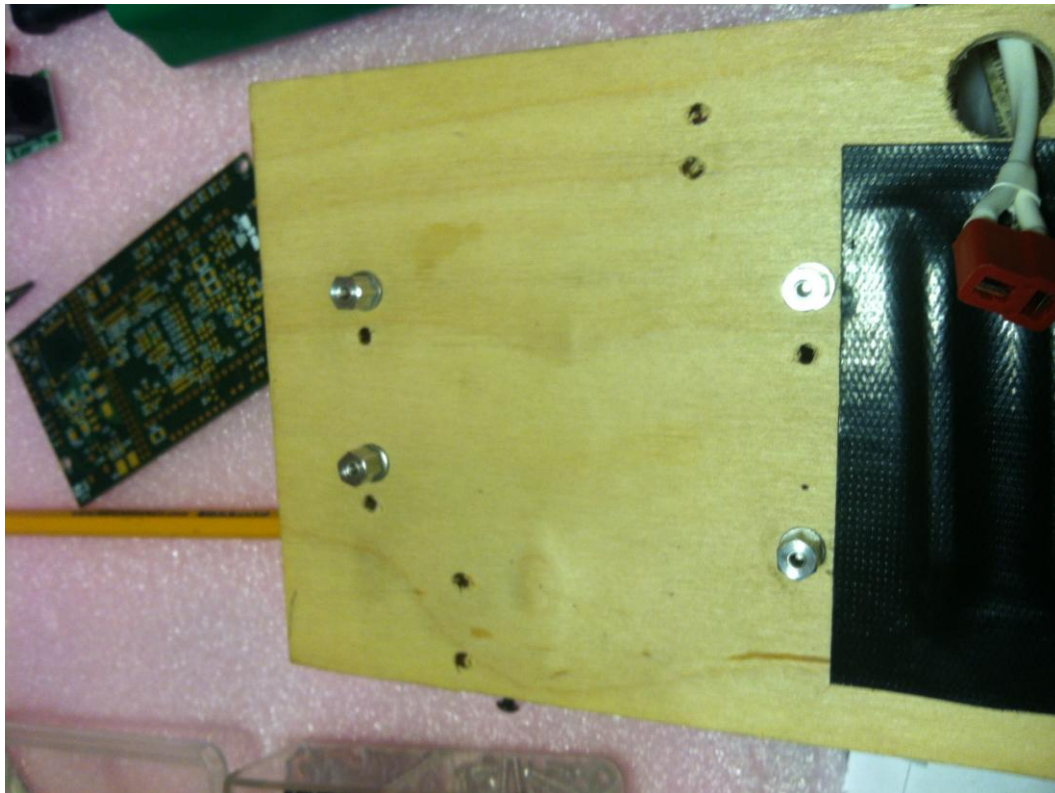




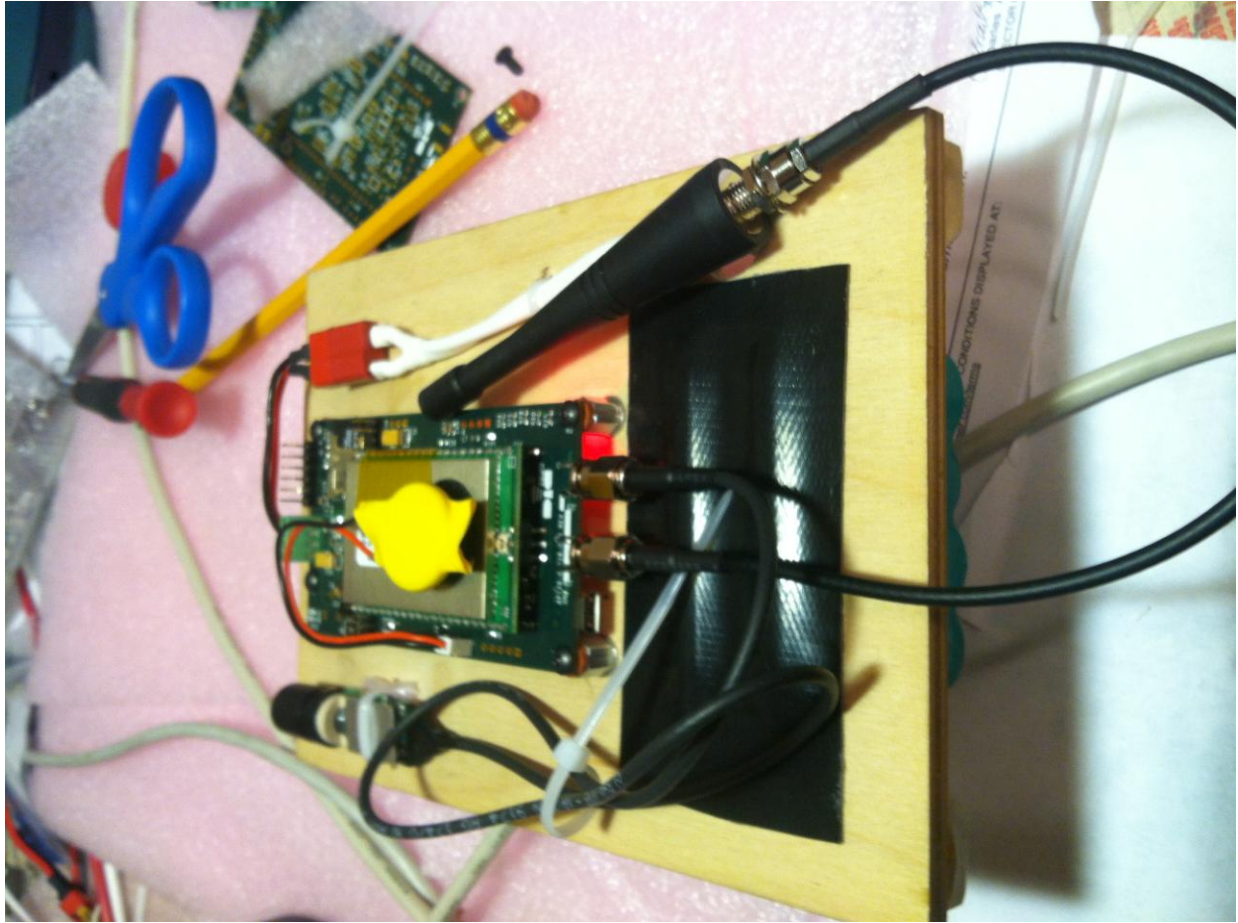




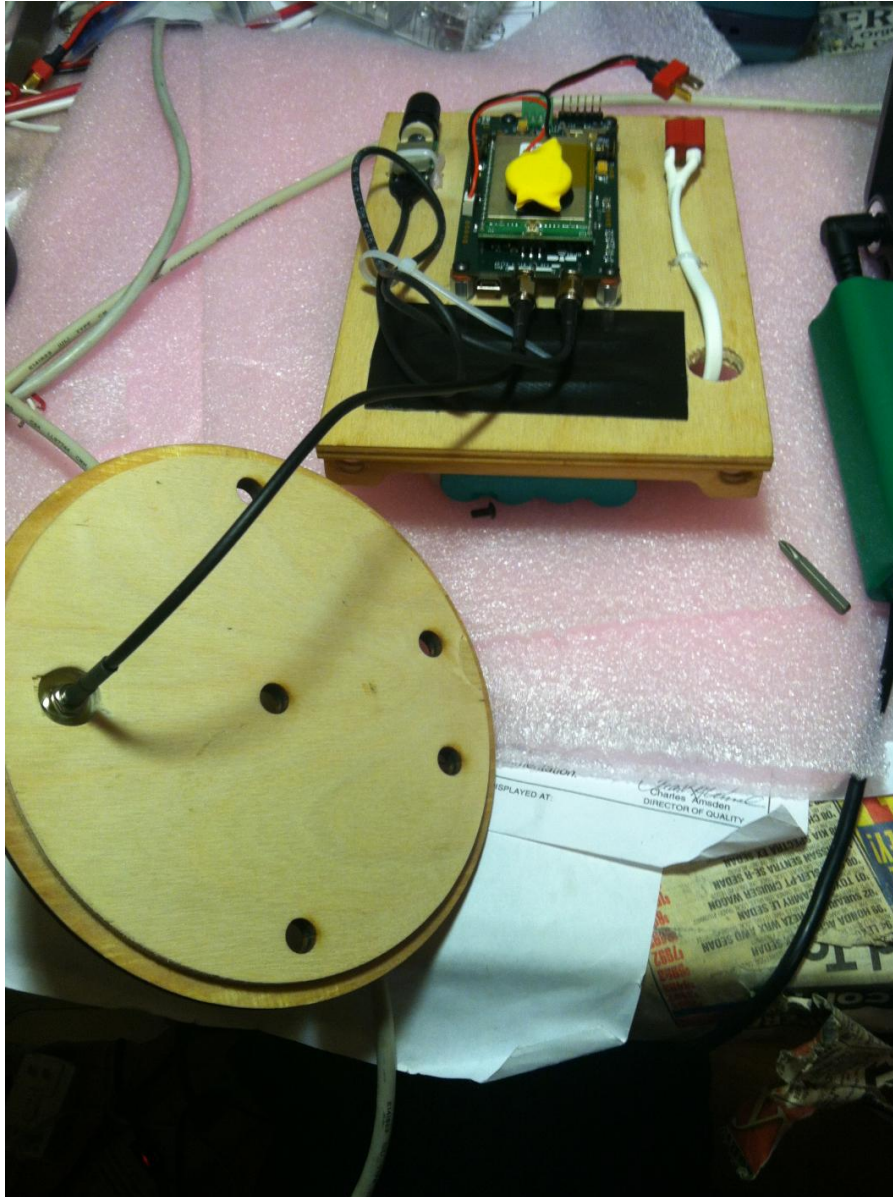




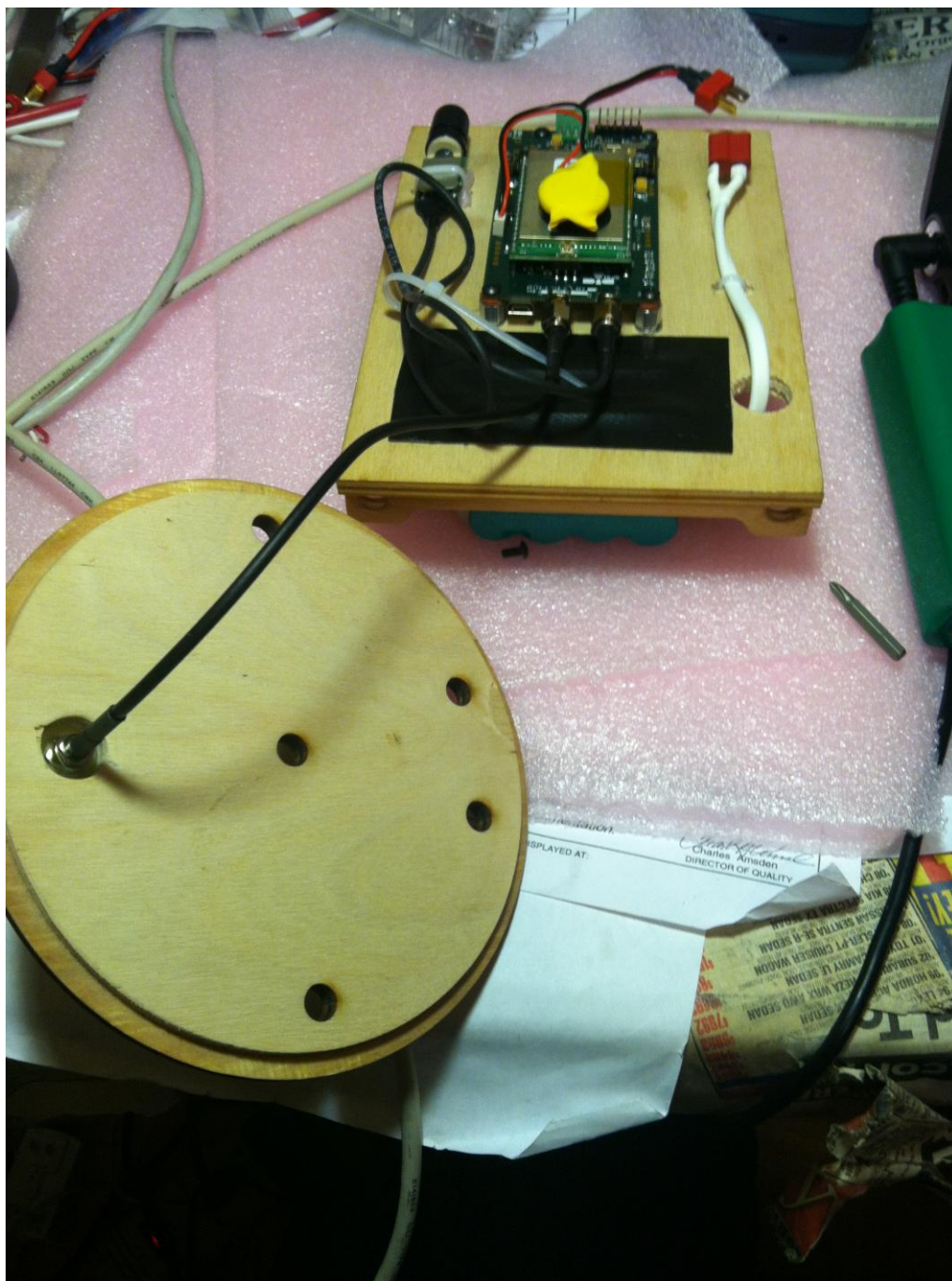
Verify that when tightened, the antenna is seated. Having clearance confirms the fit.







The Matching bulk plate on the other side of the AV-Bay sled **MUST** have the same hole alignment. This is to prevent binding of the all-thread which will damage the RPSMA cable when the sled is inserted and removed. The RPSMA cables should never be bent, kinked, cut, or yanked on when tightened and attached to the board. The best option is to have the AV-Bay open from the top to prevent yanking on the RPSMA (Antenna Cable).



Always verify that the RPSMA connectors are tightened both on the board and antenna using a 5/16" nutdriver or 5/16" wrench. Do NOT tighten too hard, only confirm they are cranked and attached completely. Do NOT yank on the RPSMA cables.





**VERY IMPORTANT – WHEN MOUNTING SLED, CONFIRM ¼" NUT IS USED TO SECURE SLED SO THAT IT DOES NOT MOVE UP AND DOWN INSIDE THE AV-BAY DURING FLIGHT!**