Designing EagleSat’s Structure
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Requirements

Revision 1

Revision 2 Goals
1. Reduce amount of material used
2. Quick assembly/disassembly for easy board access

Revision 2 - Rails

Revision 2 – Cross Spar/Bracket

Revision 2 - Complete

Revision 2 - Challenges
1. Difficult to assemble
2. Bracket system was inefficient

Revision 3 - Goals
1. Make all screws mount externally
2. Simplify the brackets
3. Make the structure Pumpkin OBC compatible

Revision 3