# RCTESTFLIGHT 3DP Tank Parts List:

Video #1: <https://youtu.be/UdL4M4JpdsU>

Video #2: <https://youtu.be/ahvTSQEPmGc>

Thingiverse page: <https://www.thingiverse.com/thing:4308626>

Tips: <https://www.paypal.me/rctestflight>

* 4X 8mm diameter hardened steel linear bearing rod - 400mm
  + @eBay PDTech
* 2X 5010 Brushless Motor 360KV 2-6S
* 12X F694zz Flanged Ball Bearings (4mm\*11mm\*4mm)
* 503 MUSIC WIRE .055 X 36IN
  + 100mm segments, 35 segments per track
  + 8 pieces of 36” wire total
  + @ eBay K & S ENGINEERING
* 4X M3\*12mm 304 stainless steel Hex Hexagon Socket Cap Head Self-tapping Screw
* 4X M3\*16mm 304 stainless steel Hex Hexagon Socket Cap Head Self-tapping Screw
* 16X 22\*8\*7 skateboard bearings
* 30A BLHeli ESCs re-programmed for bi-directional (can also use brushless RC car ESCs)
* 8X M3X8mm Button Head (Motor Mounting Screws) - Flat head might be better
* 8X M3X18mm Flat Head screws (for mounting the motor gear)
* 4X 4mm Steel Rods (gearbox axles)
  + 95mm and 80mm
* Wood Plank (see dimensions below)
* Wood Screws - Self Piercing Lath Screws #8x3/4”
* 16X M3X25mm screws (for axel clamps to hold the wheels on)
* 16X M3 Lock Nuts
* Crap load (estimated 4kg?) of PLA (I like SUNLU PLA+ SILK)

Print Settings

* 0.8mm Nozzle
* 2 line wall thickness
* 0.35mm or 0.4mm layer height
* 30-40% infill for the stuff that needs to be strong like tracks and gears. 15-20% for everything else.

