**General Parts:**

* 3D Printer – Recommend Bambu P1P with Smooth PEI Plate
  + [Bambu Lab P1P 3D Printer | Bambu Lab US](https://us.store.bambulab.com/products/p1p)
  + [Bambu Smooth PEI Plate For X1 Series/P1 Series/A1 | Bambu Lab US](https://us.store.bambulab.com/products/bambu-smooth-pei-plate?variant=41586448433288)
* Estes Lifetime Launch System
  + [Lifetime Launch System - Estes Rockets](https://estesrockets.com/products/lifetime-launch-system)
* J-B KwikWeld Epoxy
* Super glue
* Exacto Knives
* Painter’s tape
* Masking Tape
* Sandpaper of varying grits
* Spray paint with primer
  + [Rust-Oleum 340647 Specialty Metallic Spray, 11 oz, Gold - Spray Paints - Amazon.com](https://www.amazon.com/Rust-Oleum-1910830-Spray-Paint-Each/dp/B000QD3GPW/ref=sr_1_3?crid=3B2GHUNVZM7RP&dib=eyJ2IjoiMSJ9.bB3zj2XNoAswuysIzB1piUcU2ynIV7bCdCDlnegyVWJLYSyVLQ3fqcMl_QEUjyrkCRh0PeOxG9MYhT3OsPL4yYmHRwjix2nbqWB8ED75WhJKd_UhSBgdO3sFLVsWP02PTZdkqlAKb2HWO_6e8Z0hZsO-Ubr1Dp3G1mKkl25CfVpcOlzp0sQyATaIuyi2fVIGYuyn_aEQ2RgVoLrC_YpLfyN1PPwvvi3Sokt7njWBNtoFchHdYlI_6d2_YVeCJ4qKNWsiI7ESml_UCWtmr9la7is5ChIdBwDJlnZKV2mKqo0.QdX5jqh9wPIkkc9FqlLcng2a_fuE9WpT_01I83ZXRx8&dib_tag=se&keywords=spray%2Bpaint%2Bwith%2Bprimer%2Bpack%2Bsilver%2Bgold&qid=1720558040&sprefix=spray%2Bpaint%2Bwith%2Bprimer%2Bpack%2Bsilver%2Bgol%2Caps%2C157&sr=8-3&th=1)
  + [Rust-Oleum 334058 Painter's Touch 2X Ultra Cover Spray Paint, 11 oz, Metallic Aluminum - Amazon.com](https://www.amazon.com/Rust-Oleum-249128-Painters-11-Ounce-Aluminum/dp/B002BWOS80/ref=sr_1_5?crid=3B2GHUNVZM7RP&dib=eyJ2IjoiMSJ9.bB3zj2XNoAswuysIzB1piUcU2ynIV7bCdCDlnegyVWJLYSyVLQ3fqcMl_QEUjyrkCRh0PeOxG9MYhT3OsPL4yYmHRwjix2nbqWB8ED75WhJKd_UhSBgdO3sFLVsWP02PTZdkqlAKb2HWO_6e8Z0hZsO-Ubr1Dp3G1mKkl25CfVpcOlzp0sQyATaIuyi2fVIGYuyn_aEQ2RgVoLrC_YpLfyN1PPwvvi3Sokt7njWBNtoFchHdYlI_6d2_YVeCJ4qKNWsiI7ESml_UCWtmr9la7is5ChIdBwDJlnZKV2mKqo0.QdX5jqh9wPIkkc9FqlLcng2a_fuE9WpT_01I83ZXRx8&dib_tag=se&keywords=spray%2Bpaint%2Bwith%2Bprimer%2Bpack%2Bsilver%2Bgold&qid=1720558040&sprefix=spray%2Bpaint%2Bwith%2Bprimer%2Bpack%2Bsilver%2Bgol%2Caps%2C157&sr=8-5&th=1)
* Launch Lug Pack
  + [Launch Lug Pack - Estes Rockets](https://estesrockets.com/products/launch-lug-pack?_pos=1&_sid=c795e1ee9&_ss=r)
* Kevlar shock cord
  + [Amazon.com : emma kites 100% Kevlar Braided String](https://www.amazon.com/emma-kites-Braided-Creative-Projects/dp/B01850OT2G/ref=sr_1_3?crid=WMVLTQ1JM58P&dib=eyJ2IjoiMSJ9.-E3yLPZyFlLjZ-fMWiZofTNN8Ypw9LGKzAFF0fTHvgJbQBPjVoeoOuTYZvlDcSPBKEuN371UKP-ICYNO96zrSR9LFDdGeA8nNPE08WIfC0e6emIYQxjQEScHyZ0qWhw9xxpSlyKyRm6OyoBKjIpPYxCu9CxdU7yfrn0bIR6NseFNgICV0nW9AwrrjpmcmDoEtx23TaKy9X7IFsmJ93esk9c-sSBaou-rc-fnmT28Zlu7wOAZenvJ-I7a34ycAJWEQtFCs89cOHZFyKO2BfCPuDV9HNd8HF6m3UtdZm6TtqI.JhEoD2aQdEPGsJT_mWmqDoxDql5GBynRRDUY87IgmTU&dib_tag=se&keywords=emma%2Bkite%2Bkevlar&qid=1720558304&sprefix=emma%2Bkite%2Bkevl%2Caps%2C162&sr=8-3&th=1&psc=1)
* Parachutes
  + [12 inch Printed Parachute - Estes Rockets](https://estesrockets.com/products/12-inch-printed-parachute)
  + [18 inch Printed Parachute - Estes Rockets](https://estesrockets.com/products/18-inch-printed-parachute)
* Recovery wadding
  + [Amazon.com: 80 Pieces Recovery Wadding Aerospace Model Rocket Wadding Model Rocket Starter Kits for Rocket Engines Model Rocket Engines : Arts, Crafts & Sewing](https://www.amazon.com/Recovery-Wadding-Aerospace-Starter-Engines/dp/B09WZQWD14/ref=sr_1_4?crid=3AKEDR396JTBM&dib=eyJ2IjoiMSJ9.7phBM1pi2GXWgzsoYPbvIcNTBiXgrxDePHNuAgTIh57ICnxAVu5Fb1_NxgZ7bCSbqK_RprBCnujDhugSwbptpVx0SvXhm-HM7LMojmI00RUG5_ex3-NDLmebxTkIE4rLnrhg3cx1oDj8lqD9O4hPdDnsVQUdh1UiSM-2AsnOGOh1EXtUriNGJHyKfz9aXWjqMSfRnq0b859gqi7p3DjPGT7C3O_qbfC1LdA2fORZ3j4ewmPJsPNcancTX45AEN9YhtcaE73de1QMGzpDgUhTDXWUu_zjSU5EqahKJLc90mc.4GcDkQlLtVqUCNFOSLkt_zWQ1YaRYIV6bkQA9AjCKuI&dib_tag=se&keywords=rocket+recovery+wadding&qid=1720558619&sprefix=rocket+recovery+waddin%2Caps%2C178&sr=8-4)
* Eyebolts
  + [Amazon.com: Wobe 50Pack of Eye Screws 1-5/8 Inch Eye Shape Screw Hooks Thread Self-Tapping Hanging Hooks Eyebolt Ring](https://www.amazon.com/Wobe-Self-Tapping-Hanging-Eyebolt-Dimension/dp/B07K2V9QMB/ref=sr_1_9?crid=2UR9TIQVG9NA3&dib=eyJ2IjoiMSJ9.saDU3LmbczSPaV494H7SflB_nz0vqaNqtXt2YwQfl7ItyWPTMSgApTsrDAUdhpGTu1WiAmz_CaSfbpojystmm6C0E8OuoXtAWZbNvCiIY7B17AB7ISoN1NR6OEA6ISKJbci67t1TObhIiYwx2oz8dUKHTBWiecQS7GnWVbCX-F0hWLFMIxKGHX1kap9exDNgI8Fzrn7g2Pj5kAxTxaeZJshvUErogWy4bu6tqvHZH54.m_pfgRu9-OBCLY1kvyFPYGQ-pQ9bl4yLpaUsaS8AkBM&dib_tag=se&keywords=eyebolts+bulk&qid=1720559061&sprefix=eye+bolts+bulk%2Caps%2C156&sr=8-9)
* Altimeters
  + [Amazon.com: Estes Altimeter Model Rockets Brown/a, Tiny : Arts, Crafts & Sewing](https://www.amazon.com/Estes-2246-Altimeter/dp/B00EZBH896/ref=sr_1_2?crid=3KD6IH91OGNWH&dib=eyJ2IjoiMSJ9.z0sLM9wdW7RKmJXXNiUqTGuxeXnP3kXWnPY89gynsPzZldgKtntF9pkqjPmwB6wzGcS3vjYjuWtSJsW5Dh7o5hfb_qVoeBvr6JS2Dvn6DOQSNwuCGQ3t6UMIaDLHh6-OP1CR04_eUxc8cBVL6E4zPgq_FJZwjGYBmVzC0EhkzbZzB1bUCeDVgn9yixaAQUyUUISEmAaAnkQDOfrRNGoUR_butDnEgisSPzY8_QoOcb8_nTGxcG13JCkKSr18R8uUOVzAoZIUp2H2uS_adS8Q6iuqvhpfz91an89PWT-FwiE.ggSuOB7Gt7iw23y2Qr44qlF786Esa1hAAYqD0cvX5-0&dib_tag=se&keywords=estes+altimeter&qid=1720558744&sprefix=estes+altimet%2Caps%2C159&sr=8-2)

**Beginner rockets:**

* Motors: C5-3 (18mm)
  + [C5-3 Engines - Estes Rockets](https://estesrockets.com/products/c5-3-engines?_pos=1&_sid=76c286f86&_ss=r)
* BT-55 Tubes
  + [BT-55 Body Tube - Estes Rockets](https://estesrockets.com/products/bt-55-body-tube)
* Regular Engine Mount Kit
  + [Estes Model Rocket Engine Mount Kit Assorted Sizes #303158 (hobbylinc.com)](https://www.hobbylinc.com/estes-model-rocket-engine-mount-kit-assorted-sizes-303158)

**Low-power rockets:**

* Motors: E12-6 (24mm), D12-5 (24mm)
  + [E12-6 Engines - Estes Rockets](https://estesrockets.com/products/e12-6-engines?_pos=1&_sid=161072a24&_ss=r)
  + [D12-5 Engines - Estes Rockets](https://estesrockets.com/products/d12-5-engines?_pos=1&_sid=e215ca931&_ss=r)
* BT-55 tubes
  + [BT-55 Body Tube - Estes Rockets](https://estesrockets.com/products/bt-55-body-tube)
* D and E Engine Mount Kit
  + [Estes D and E Model Rocket Engine Mount Kit #303159 (hobbylinc.com)](https://www.hobbylinc.com/estes-d-and-e-model-rocket-engine-mount-kit-303159)

**TARC rockets:**

* Motors: F15-6 (29mm), E16-4 (29mm)
  + [Estes F15-6 Model Rocket Engines (2) 29mm Pro-Series II Rocket Motor #1652 (hobbylinc.com)](https://www.hobbylinc.com/estes-f15-6-model-rocket-engines-2-29mm-pro-series-ii-rocket-motor-1652)
  + [Estes E16-4 Model Rocket Engines (2) 29mm Pro-Series II Rocket Motor #1696 (hobbylinc.com)](https://www.hobbylinc.com/estes-e16-4-model-rocket-engines-2-29mm-pro-series-ii-rocket-motor-1696)
* BT-80 tubes
  + [BT-80 Body Tube - Estes Rockets](https://estesrockets.com/products/bt-80-body-tube)
* Egg casing
  + [2-Egg Protector for BT-80 size tubes (apogeerockets.com)](https://www.apogeerockets.com/Building_Supplies/Payload_Protection/Vertical_Dual_Egg_Protector_BT-80)
* BT-80 29mm Engine Mount Kit
  + [BT-80 29mm Engine Mount Kit - Estes Rockets](https://estesrockets.com/products/bt-80-29mm-engine-mount-kit)
* Nomex
  + [Apogee 9in Parachute Protector (apogeerockets.com)](https://www.apogeerockets.com/Building-Supplies/Parachute-Protection/Cloth/Apogee-9in-Parachute-Protector)
* Eggs