**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
  + [J-B Weld 8271 KwikWeld Professional Size Steel Reinforced Epoxy Twin Pack - 10 oz.: Amazon.com: Industrial & Scientific](https://www.amazon.com/J-B-Weld-8271-Professional-Fluid_Ounces/dp/B01J5N8AGS/ref=sr_1_2?dib=eyJ2IjoiMSJ9.ekQJH1vfd78csK3kyhYhxzmK1nsXuoI5426uVeDE8e_DALRLdgiW_eGuyzCsgej5UgCKq31zsg-UFseNMf5ci2lI_rFlC1mSa7BgUIohfjGuM4SbhER3S9eZhfSjKcgBKdmi1pp7ZpbJJJPxqIdcZ0Oxlp7BlE1jr-1yTsgPOmhQK3ZgyvnwS7QMLCucrbYsVqgepek0H6PNEDzwD2YR7E_VJQ1CwlBxvSaywiRa0b0.K1byZgXTXZaD8_uq3U6aK83NhUzc3ySnF1x9CRgK4cs&dib_tag=se&keywords=jb+weld+kwik&qid=1721791576&sr=8-2)
* Super glue
* Exacto Knives
  + [JTIEO 74 Pack Hobby Knife Exacto Knife with 4 Upgrade Sharp Hobby Knives and 70 Spare Craft Knife Blades for Art, Scrapbooking,Stencil - Amazon.com](https://www.amazon.com/JTIEO-Upgrade-Knives-Scrapbooking-Stencil/dp/B086DH27TR/ref=sr_1_8?crid=1ESW6VYT1VZ6B&dib=eyJ2IjoiMSJ9.riVj0rkZBQGsLW6pniZbOFIG7P2i6JHF6VQZCOpqzkn-UdpPtpd0VPkcpVbwQV4rnS1yfC_WDrsGoI0-7Qv6GnThbn9MI-jckAZtc6Y9M4HRrPGMgtl8IaBHq21L3UBjOtxHw6f6HFMyyM9-UJf-sabBxI5hLKL9pXVyXDFrcyZ8V5-u24uPhitMseOMZSUlwKlVALqm4z7XORyl534STKmlZV3uZrD-JYYCd_Ox5MocoVkdtBJYhfQ7s4imUvisoYvZ4nQ0CzCnx0b1hvs6vTZH42qAijswHr8IREqufJE.34Vu57RJ4p3ycoXP___NKmGMM1SHz3eJqz9ZiigTgCY&dib_tag=se&keywords=xacto+knife+with+blades&qid=1721530427&sprefix=xacto+knife+with+blad%2Caps%2C194&sr=8-8)
* 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)
* Gloves
  + [Amazon.com: Supmedic Nitrile Exam Glove, 3.5 mil Disposable Medical Gloves Powder-Free Latex-Free, Box of 100 pcs (Blue) (Large) : Clothing, Shoes & Jewelry](https://www.amazon.com/Supmedic-Nitrile-Disposable-Powder-Free-Latex-Free/dp/B0C9S5PMSD/ref=sr_1_5?crid=3SHT64E4X26KT&dib=eyJ2IjoiMSJ9.MfLrriw8JapCpCs0KYk23t-qfWUeUPIMHSKXswdUHPEcXG3iRqB5JyppW2X1KzYUGalvXY0tJhN-ue3uxMKrWsLcXmfPbs_47vUud76lBkr_ABK_HANUjJcNth2iNbkkMChjymJG6Di6AAwisU8X5rqt-4fsS2XV0jzYVlGxeO8H4SPFYyPzE1NJZo0Zo82keLM2vRH2BXmwrpNITB5RUuv5_5HA0uYajb-nLGcD-ZDoRGrPGI0sXunml9uBn_H_zCTjpbmkxb7HkHZm8qE3uR7D1X2iRCgkUtdsCZ2st5E.QZzwg_3X3ATuFFdXxTs4il1vRwoCaMWCsIiGRNq9Mnc&dib_tag=se&keywords=gloves+latex&qid=1721791335&sprefix=gloves+late%2Caps%2C173&sr=8-5)
* Popsicle Sticks (for epoxy)
  + [Amazon.com: KTOJOY 200 Pcs Craft Sticks Ice Cream Sticks Natural Wood Popsicle Craft Sticks 4.5 inch Length Treat Sticks Ice Pop Sticks for DIY Crafts : Arts, Crafts & Sewing](https://www.amazon.com/Sticks-Natural-Popsicle-Length-Crafts/dp/B07F367TCK/ref=sr_1_5?crid=1PLKCKDF1QE3H&dib=eyJ2IjoiMSJ9.6VVZrhSwAD2zNbbMo4aN5_NZ0fcudiA-ZkWiWcmJrLQwjPoiJEZDFXGUWmy4mLJr3N7oit_p1bf-5r9zsT3bTQPz3FXg8eQ59PBQNEPfTOHN-Nh5oaxKk4zV6_j250acFfqjLSz6dog5e58gx7WZK7LZp5REU-KmQ2OXzbEE8DJ4-oliHTR12j8SjQs31qnXXcU6PPtsoG0zYA8bUfObSVLuTzcRyAR5YLknAU59jaF5VmbFc1lwVWPZhZQaQntFUKSF5olOmJ2aMCWRxX47x8P34QBDgTtM6R9ihRCHoQ8.PFGrHvjyt0m1lzC5eIh9KlLytJP6rfkrC6PXOOuB35Y&dib_tag=se&keywords=popsicle+sticks&qid=1721791394&sprefix=popsicle+stick%2Caps%2C184&sr=8-5)
* Kraft Paper
  + [Amazon.com: Vanhench Brown Wrapping Paper, Craft Paper, Kraft Paper 17.5"x 1200"(100'), Gift Wrapping Bulletin Board Arts & Crafts, Bouquet Flower Table Covering Poster Packing Shipping Moving Supplies 65GSM 45LB](https://www.amazon.com/Wrapping-Covering-Bulletin-Bouquet-Supplies/dp/B0BQTYYVZH/ref=sr_1_5?crid=10BCK6RU62TJY&dib=eyJ2IjoiMSJ9.p80DnnD84aXT_bNq6W4r06qJJ1_AZFst7vrJnnrMqCSpe1XNnULQtDbUmnwis-vFXFUb14DUpqHrHlalQuZyYXIaPhKjgY_IN9sm_zbSHdaHFTBxFWxUT9sEA_D50lYh_LczJybnANL3U62Hu0ekNE1qDMk1XK247sNGqtovHSyvF5IAEdrFypz_Hg5rcaHy7OXPmauHeOhpCe8CI4_llExOYoH4W5Am-mOdwp7S_lCSVX_qQpPM0UuhJJ3GamXpPTnMJGnoeBaiiPAo_eZ_r6t4ghxEd502UT_KhQyXFW4.kTwAmdvkvkUf1bGTJPFGisUhGqz0ABeJX5P9MbKHOqQ&dib_tag=se&keywords=kraft+paper+roll&qid=1721791464&sprefix=kraft+paper+rol%2Caps%2C160&sr=8-5)

**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)
* BT-80 Engine Mount
  + [BT-80 29mm Engine Mount Kit - Estes Rockets](https://estesrockets.com/products/bt-80-29mm-engine-mount-kit)
* 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)
* Parachute
  + [18 inch Printed Parachute - Estes Rockets](https://estesrockets.com/products/18-inch-printed-parachute)