| Mines Rocket Club F.A.R. Packlist | | | | | | | |
|-----------------------------------|--|-------------|--|-------------|--|--|--|
| Logistics Officer | | Launch Date | | Pack Date | | | |
| Overseer | | Launch Site | | Depart Date | | | |
| Notes | | | | | | | |
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| □ 1 | Motors | | | | |
|-----|------------------------|------|------|------|---------------------|
| 1.1 | ☐ CTI:I540[L1M2](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.2 | ☐ CTI:I540[L1M2](!) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.3 | ☐ CTI:J270[L1M2] | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.4 | ☐ AER:J510[SIF](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.5 | ☐ CTI:J530[SIF] | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.6 | ☐ CTI:K570[HAL](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 1.7 | ☐ CTI:L265[HAL](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| □2 | Casings | | | | |
| 2.1 | ☐ CTI:P38:5[L1M2](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 2.2 | □ AER:1320[SIF](I,SP) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 2.3 | ☐ CTI:P38:6XL[SIF](SP) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 2.4 | ☐ CTI:P54:6XL[HAL](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 2.5 | ☐ CTI:P54:5[HAL](I) | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |

□ 3 Tools 3.1 □ Drivers LD:□ US:□ LS:□ UD:□ VID: SRC: 3.1.1 MKE Ratch, Driver CID: VID: 3.1.2 MKE Mini Driver CID: SRC: LD:□ US:□ LS:□ UD:□ VID: SRC: LD:□ US:□ LS:□ UD:□ 3.1.3 MKE Micro Driver CID: VID: SRC: LD:□ US:□ LS:□ UD:□ CID: 3.1.4 MKE Dem. Driver 3.1.5 Palm Ratchet CID: VID: SRC: LD:□ US:□ LS:□ UD:□ CID: VID: SRC: LD:□ US:□ LS:□ UD:□ 3.1.6 Standard Ratchet LD:□ US:□ LS:□ UD:□ VID: 3.1.7 SAE Sockets CID: SRC: 3.1.8 ISO Sockets CID: VID: SRC: LD:□ US:□ LS:□ UD:□ VID: LD:□ US:□ LS:□ UD:□ 3.1.9 DWL Impact CID: SRC: LD:□ US:□ LS:□ UD:□ VID: SRC: 3.1.10 Ifixit Mako Kit CID: VID: LD:□ US:□ LS:□ UD:□ 3.1.11 SAE Hex Keys CID: SRC: VID: LD:□ US:□ LS:□ UD:□ CID: SRC: 3.1.12 ISO Hex Keys 3.2 □ Drilling VID: SRC: LD:□ US:□ LS:□ UD:□ 3.2.1 DWL Drill CID: CID: VID: SRC: LD:□ US:□ LS:□ UD:□ 3.2.2 Drilling Packout 3.3 ☐ Surface Finishing 3.3.1 MKE Polisher CID: VID: SRC: LD:□ US:□ LS:□ UD:□

| | 3.3.2 DWL Sheet Sander | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
|-----|---------------------------|------|------|------|---------------------|
| | 3.3.3 60 Grit Sandpaper | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.4 80 Grit Sandpaper | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.5 120 Grit Sandpaper | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.6 220 Grit Sandpaper | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.7 400 Grit Sandpaper | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.8 V36 Polish | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.9 V38 Polish | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.10 220 Sanding Sponge | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.3.11 Deburring Tool | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 3.4 | □ Batteries | | | | |
| | 3.4.1 DWL 2.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.2 DWL 2.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.3 DWL 3.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.4 DWL 3.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.5 DWL 9.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.6 GL0 YETI 500 | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.7 MKE M12 1.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.4.8 MKE M12 1.0AH | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |

| 3.5 | ☐ Miscellaneous | | | | |
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| | 3.5.1 HAK FX888D & Tips | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.2 ARR High T | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.3 Needle Nose Pliers | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.4 Lineman's Pliers | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.5 Flush Cutters | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.6 Side Cutters | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.7 Single Action Wire Strippers | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.8 Razor | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.9 Tin Snips | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.10 Speed Square | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.11 Calipers | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.12 MKE Tape Measure | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.13 MKE SM Tape Measure | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.14 Extended Needle Nose Pliers | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.15 RA Volcharge Tool | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.16 Volcharge Tool | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.17 Small Masses Scale | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.18. Safaty Glasses | CID | VID. | SBC: |] |

| | 3.5.19 Stills Camera | CID: | VID: | SRC: | |
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| | 3.5.20 50mm f1.2 Lens | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.21 150mm-600mm Lens | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.22 15mm Lens | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| | 3.5.23 Stills Tripod | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| | 3.5.24 Stills Tripod Plate | CID: | VID: | SRC: |] LD:□ US:□ LS:□ UD:□ |
| □ 4 | Hardware | | | | |
| 4.1 | ☐ Assorted M3 Hardware | CID: | VID: | SRC: |] LD:□ US:□ LS:□ UD:□ |
| 4.2 | □ CTI 38mm HEMR | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| 4.3 | ☐ CTI 54mm HEMR | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| 4.4 | ☐ CTI 54mm HEMR | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.5 | □ Zip Ties | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.6 | □ VHB Tape | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| 4.7 | ☐ Electrical Tape | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.8 | □ SCH 2090 | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.9 | ☐ ARR High T Hot Glue | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| 4.10 | □ Goex | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |

| 4.11 | □ Pyrodex | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
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| 4.12 | □ Volcharges | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.13 | ☐ Large Igniters | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.14 | ☐ Electronic Matches | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 4.15 | □ RAM 1 Second CA | CID: | VID: | SRC: | LD: US: LS: UD: |
| 4.16 | □ RAM 5 Second CA | CID: | VID: | SRC: |] LD:□ US:□ LS:□ UD:□ |
| 4.17 | ☐ JB Weld 5 Minute Epoxy | CID: | VID: | SRC: |] LD:□ US:□ LS:□ UD:□ |
| 4.18 | ☐ JB Weld High Heat | CID: | VID: | SRC: | LD:::: US:::: LS:::: UD:::: |
| 4.19 | ☐ Aluminum Tape | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| □ 5 | Communication | | | | |
| 5.1 | □ BFN UV-AR5RM | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 5.2 | □ BFN BF8HP | CID: | VID: | SRC: | D:□ US:□ LS:□ UD:□ |
| 5.3 | □ BFN UV5RA | CID: | VID: | SRC: | LD:::: US:::: LS:::: UD:::: |
| 5.4 | □ BFN UV5RA | CID: | VID: | SRC: | LD:::: US:::: LS:::: UD:::: |
| 5.5 | □ BFN UV5RA | CID: | VID: | SRC: | LD: US: LS: UD: |
| 5.6 | ☐ Laptop | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |

| 5.7 | ☐ External Drive | CID: | VID: | SRC: |] LD:□ US:□ LS:□ UD:□ |
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| □ 6 | Avionics | | | | |
| 6.1 | ☐ TeleMetrum 4.0 S11501 | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.2 | ☐ TeleMetrum 4.0 S12511 | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.3 | ☐ TeleMetrum 2.0b S2122 | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.4 | □ TeleMega 6.0 S11016 | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.5 | □ TeleMega 6.0 S11131 | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.6 | ☐ ADF Dual LiPo Charger | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.7 | ☐ AMZ USB LiPo Charger | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.8 | ☐ Mini-USB Data Cable | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.9 | ☐ Micro-USB Data Cable | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.10 | □ PKC 3.7V LiPo | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.11 | □ Screw Switches | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.12 | □ TeleDongle | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 6.13 | □ TeleDongle | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.14 | ☐ 400MHz Yagi | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |

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| 6.15 | ☐ 400MHz Yagi | CID: | VID: | SRC: | |
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| 6.16 | ☐ 915MHz Helical | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.17 | ☐ Altimeter Two | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.18 | ☐ Altimeter Two | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 6.19 | □ A23 Batteries | CID: | VID: | SRC: | |
| 6.20 | ☐ A23 Holder | CID: | VID: | SRC: | |
| □ 7 | Recovery | | | | |
| 7.1 | ☐ GAR GPSMap40t | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 7.2 | □ Compass | CID: | VID: | SRC: | |
| 7.3 | ☐ Binoculars | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 7.4 | ☐ Shock Cord (thick) | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 7.5 | ☐ Shock Cord (thin) | CID: | VID: | SRC: | |
| 7.6 | ☐ Applicable Subset of Parachutes | CID: | VID: | SRC: |]LD:□ US:□ LS:□ UD:□ |
| 7.7 | ☐ Quick Links | CID: | VID: | SRC: | LD: US: US: UD: UD: UD: UD: UD: UD: UD: UD: UD: UD |

| □ 8 | Safety & Life Support | | | | |
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| 8.1 | ☐ 15 Liter Water Cube | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.2 | ☐ 15 Liter Water Cube | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.3 | □ COL Sun Shelter | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.4 | □ Tarp | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.5 | □ Table | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.6 | ☐ Table SM | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.7 | □ Cooler | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.8 | ☐ Synthetic Ice Packs | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.9 | ☐ Packable Chairs | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.10 | ☐ Sunscreen | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.11 | ☐ Ground Anchors | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.12 | ☐ Ground Spikes | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.13 | ☐ Rubberized Ties | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |
| 8.14 | □ Food | CID: | VID: | SRC: | LD:□ US:□ LS:□ UD:□ |