Waist Pack Mod
Eveready Energizer headlamp HD33A2ODE or any red light headlamp.
Laminating and spiral wrap of Instruction book (we have this done by a local office supply store)
National Audubon Society Pocket Guide: Constellations of the Northern Skies
Celestron lens pen CE-93575 (or Orion)
Waist pack - Outdoor Products - “Marilyn” (Walmart)

Primary Mirror Mod;
Three 5mm dia x 30mm long .80 pitch stainless phillips flathead screws-washer-nylon locknut.
Permatex Plastic Thread Locker #19920

Eyepiece Mod;
Celestron 8-24 Zoom eyepiece CE-93230
Two 3mm dia x 8mm long .50 pitch stainless socket button head screws.
Permatex Plastic Thread Locker #19920
   To prevent the silver 1 ¼ collar of eyepiece from unscrewing.
   Also used on focuser collar and screws
Poly Rope - TW Evans- #4, ⅛, polypro cameo cord

Battery Box Mod
One AA battery box (Jameco 216102)
Two AA batteries
One 1/8 x 3/4 diameter rubber disc - cut from 4 x 4 x 1/8 (or 1/16th) rubber sheet
   Originally I fashioned a cutter from a piece of ¾ aluminum tubing
   Now I use a Osborne #149 Arch punch to cut out the rubber disc
Two brass contacts - approx. 1/2 x 3/8 x .016 - cut from a 12” strip of .016 x 1/2 brass
Fine solder
Super Glue
Scotch Outdoor Mounting Tape

Moon Hole & Cover Mod
Velcro Ultra-Mate 1 x ¼
Heyco 2” plastic hole plug (heyco.com #2783)
Poly Rope - TW Evans- #4, ⅛, polypro cameo cord (chose this as it does not on snag on the velcro)

Decal Mod
Double sided scotch tape - 1/2”
Fellowes 9 x 12 self adhesive laminating sheets
Shopping List

Orion
Orion 4.5 Starblast

OPT - http://www.optcorp.com/
Celestron lens pen CE-93575
Celestron 8-24 Zoom eyepiece CE-93230

Staples
Lamination of Instruction books approx 25 per book - #648743 laminate, #381858, spiral binding

Barnes & Noble http://www.barnesandnoble.com/
National Audubon Society Pocket Guide: Constellations of the Northern Skies
ISBN-978-0-679-77998-8 Cost 7 to 10

Walmart
Outdoor Products, "Marilyn" waistpack Cost 6 in store, 15 online

Bolt Depot - http://www.boltdepot.com - buy each in bulk of 100 per or more
5mm dia x 30mm long .80 pitch stainless phillips flat head screws
5mm stainless washer
5mm .80 pitch stainless Nylon Insert nut
3mm dia x 8mm long .50 pitch stainless socket button head screws

Jameco Electronics - http://www.jameco.com
AA Battery box - #216102 Cost .69 in bulk

Heyco - http://www.heyco.com/
2" hole plugs #2783 cost .82 in bulk

JB Rope supply - http://www.jbropesupply.com Need 5 feet per scope
TW Evans - #4, ⅛, polypro cameo cord CMCRD1/8-98450, 500' Cost 26 but site has 10 fee.
(Can also buy 50' #98443 locally at higher per foot cost.)

Lowes/Home Depot
Red light Headlamp - Eveready - HD33A2ODE - or whatever is available - expect 13-14 dollars cost.

Local Purchases - Hardware / Office Supply
Cutting mat
Razor knives
Permatex Plastic Thread Locker #19920
Super Glue (found that the "Gel" super glue works best - less runny)
AA batteries - need two per scope
4" x 4" x ¼ (or 1/16) rubber sheet (automotive section)
12" strip of .016 x 1/2 brass
Roll of fine solder
Scotch Permanent Outdoor Mounting Tape
Velcro Ultra-Mate - 1 x ⅛ Comes in pkg of 10
Double Sided Scotch tape
Fellowes 9 x 12 adhesive laminating sheets (other brands are not as good)