**HABEX - Launch/Chase/Recovery Checklist**

Equipment Packing List:

|  |  |
| --- | --- |
| Pink Duct Tape (2 rolls) |  |
| Regular Duct Tape (2 rolls) |  |
| Wirenuts |  |
| Gloves |  |
| Calculator |  |
| Battery Jumpers |  |
| At least two adjustable wrenches & tools |  |
| Electrical tape |  |
| Helium Tank (219cu-ft tank) |  |
| Filling System |  |
| Filling Regulator |  |
| Nick Lift Measurement Tool (weight) |  |
| Zip Ties |  |
| Scale |  |
| Tarp (2 or more) |  |
| Electronics toolbox |  |
| Long pole |  |
| Chair/Table |  |
| Laptop |  |
| Audio Cables (2 way, 2 way flipped) |  |
| FT-60 |  |
| Mobile Yaesu |  |
| VX-6 |  |
| Car Power inverter (ASSURE YOUR VEHICLE CAN SUPPLY THE POWER DRAW) |  |
| Laptop Battery Charger |  |
| Mouse |  |
| Android Tablet |  |
| Android Phone |  |
| Android Tablet Charger |  |
| Android Phone Charger |  |
| Mag Mount Antenna (diamond) |  |
| Mag Mount Antenna (MJF) |  |
| MiFi |  |
| Extra AA and AAA batteries |  |
| 1 gallon of water |  |
| 24 hours of food |  |
| Flashlight |  |
| GPS (TomTom & Magellan) |  |
| Offline Maps & Paper Maps |  |
| Extra Laptop |  |
| RF Connectors |  |
| Sleeping Bag, Pillow, Air Mattress |  |
| Tent |  |
| Head Lamp |  |
| Compass |  |
| Hat, Sunglasses, hiker shoes |  |
| Notebook |  |
| Binoculars |  |
| Stopwatch |  |
| CHARGE ALL DEVICES |  |
| Directional Antenna |  |
| Knife |  |
| Gas/Fuel for the car / Extra Tank |  |
| FT-60 Charger |  |
| VX-6 Charger |  |
|  |  |

Flight Hardware Packing List:

|  |  |
| --- | --- |
| Balloon |  |
| Rope (technora, nylon) |  |
| Parachute & Backup parachute |  |
| Styrofoam Box |  |
| Foam |  |
| Dipole antenna |  |
| SMA Female to Female (antenna <-> microtrak) |  |
| Micro-Trak |  |
| GPS with connector |  |
| 8 AA Battery holder |  |
| 16 AA Lithium Energizer Batteries |  |
| Camera |  |
| Camera Battery |  |
| NSL Tracker |  |
| Cherp Beacon Package |  |
| Spot w/ batteries |  |
| Science Lab |  |
|  |  |