

Xi-1 Launch Preparation checklist

- 1. Set up launch pad attaching MEDIUM length rod (red band)
- 2. Activate and distribute two-way radios
- 3. Deploy Launch Controller
- 4. Activate Garmin GPS and mark pad location
- 5. Assemble Landing Locator with BRB Receiver
- 6. Activate BRB Transmitter and Receiver
- 7. Install rocket on Pad
- 8. Don safety glasses. Activate and verify ready status of Eggtimer
- 9. Activate and verify ready status of Raven
- 10. Activate and Arm Backup Timer module
- 11. Connect 2nd and 3rd launch rod together, then screw onto installed rod
- 12. Confirm launch rods are securely tightened
- 13. Photograph rocket on pad
- 14. Plug in igniter leads to Launch Controller and perform igniter check
- 15. **ARM** Launch Controller
- 16. Reset BRB receiver (Power OFF then Power ON)

GPS COORDINATES LANDING SITE:	

Note regarding Post-flight procedure

Leave Landing Locator deployed until rocket is recovered, unless there is confidence that GPS coordinates of indicated landing location is valid (i.e. direction and distance seem right)