# Initialization Checklist
## Start check 30 minutes prior to launch

- ☐ Check batteries and change/charge if below 50% - ICOM/GSU/Computer/
- ☐ Ground Station turned on and connected before starting GRAW program
- ☐ Connect sonde for initialization
- ☐ Open the GRAW program
- ☐ Go to Settings (top left corner of screen – notebook icon)
- ☐ Program Settings > Communications Tab
- ☐ Detect both COM Ports and Receiver
- ☐ Exit out of settings
- ☐ Click Sounding/Simulation (do not use the wizard – it is good to troubleshoot with this if the sonde will not initialize)
- ☐ Click Initialize radiosonde
- ☐ Set sonde and ground station to proper frequency
- ☐ Enter ground values recorded on data form by Lufft position
- ☐ Double check frequency and ground values are correct
- ☐ Click start sounding
- ☐ Enter lat/long and altitude (both lat and long require negative sign in Chile)
- ☐ Confirm raw data is coming in
- ☐ Turn sonde to on position
- ☐ Unplug radiosonde from computer and deliver to acclimation table
- ☐ Double check raw data is still coming in
- ☐ Run balloon fill prediction with current ground values (balloon = 600g; payload = 100g)
- ☐ Help with fill while sonde acclimates
- ☐ Get sonde to attach to balloon.
- ☐ Launch balloon
- ☐ Confirm software detected launch (if it doesn't within 30 seconds launch manually)

### Saving Conventions:

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|---|---|
| **Profile Data:** | **W#_L#_LaunchTimeUTC_mmddyy_computer_Profile** |
| **Raw Data:** | **W#_L#_LaunchTimeUTC_mmddyy_computer_Raw** |
| **SkewT:** | **W#_L#_LaunchTimeUTC_mmddyy_SkewT** |
| **BUFR:** | **W#_L#_LaunchTimeUTC_mmddyy_computer_BUFR** |
| **GSF:** | **Leave as default name** |
| **Overview Form:** | **W#_L#_LaunchTimeUTC_mmddyy_Overview** |

Latitude_____      Longitude_____      Altitude_____