



1. Remove inflation kit from transport bag
2. Connect regulator assembly (1) to Helium tank. Verify that the control valve on the regulator assembly is set to 90° to shut off the gas flow.
3. Connect filler hose (2) to the regulator assembly
4. Attach counterweight (3) to the nozzle
5. Attach met balloon to nozzle and secure with spring clamp (4)

WARNING

Do not open the primary gas valve on the tank without first verifying that the control valve on the regulator assembly is set to 90° and that the nozzle is secured to the balloon or a stationary object.

6. Begin inflation by opening the primary gas valve on the tank, then slowly turning the control valve. Adjust the flow rate so the balloon is not overly stressed.

NOTE

High winds may cause the counter weight to be lifted, prematurely indicating complete inflation.

7. When the weight is lifted off of the surface, the balloon has reached the proper inflation. Close the control valve, shutting off the gas supply to the balloon.
8. Close the primary gas valve on the tank. Briefly open the control valve to relieve pressure in the inflation system.

NOTE

Do not use the control valve to close the gas supply. The tank's primary gas valve is the only valve designed to prevent gas from leaking.

9. Tie off the balloon and remove the nozzle from the balloon. The balloon is now ready for flight.

Table 1: Met Balloon Nominal Bursting Altitudes

Description	30gm	100	200	300	350	600	800
Bursting altitude (km)	13.1	18.8	21.2	24.7	25.9	30.8	32.6