Pilot Qualifications

Initial qualifications for the PIC include the ability to obtain a FAA Class 2 Medical qualification, an understanding of underlying physical properties of flight (similar to the proficiency of a private pilot), and a competent radio controlled pilot. Additionally the PIC should hold an FAA pilot certification and be trained on FAR Part 91. The PIC is expected to show proficiency with the following tasks:

-Proper Setup of the CGS

-Proper Preflight

-Proper takeoff/landing site selection

-Proper takeoff/approach pattern selection

-Precision landing

-Recovery from improper launch

-Emergency procedure recognition and management

-Control of the UAS in all modes, including MANUAL and ALTITUDE both with and without the gamepad

-On-the-fly mission planning

For missions launched from a boat, the observer is co-located with the PIC on the same boat. There is no possibility of communication loss between the pilot and observer.