

ProgressM1 for Orbiter check lists

Orbit :

- 1- panel deployed.
- 2- antenna deployed.
- 3- probe retracted.
- 4- check pressurized compartment pressure to 14.7 psi.
- 5- Sun tracking (on request).

Engine ignition :

- 1- open cover.
- 2- check mode (700/6197N).

Prior to docking :

- 1- probe extended (you'll just collide and bump if not).
- 2- 2AO-VKA antenna retracted (avoid collision risk).

Airlock opening :

- 1- docking status ok - connexions status ok.
- 2- pressure (partial O2 pressure CO2 etc...) status displayed .

Docked :

- 1- check waste level (at 100% Progress will auto undock).
- 2- empty payloads tanks (it needs empty tanks on the station to be filled and fuel mfd).
- 3- **DO NOT RETRACT PROBE YOURSELF!!** (when undocking probe retracts itself while it is still hidden by the docking port).

Sun Tracking :

- 1- lower your angular velocity to near 0 before activating.
- 2- if sun tracking becomes mad, stop it wait for killrot to be shutdown before re-enabling. Another way can be to fly prograde before relaunching Sun tracking.
- 3- check no other autopilot will disturb (MFD...)