

Skills to Refine before your Solo Check Flight

- Thinking ahead of the plane
- Awareness of boundaries
- Smooth flying for all skills
- The stabilized approach – Key to good landings
- Approach and landings from both directions
- Smooth Go-Around with control of your heading
- Touch down where you planned to
- Flying in Wind
- Figure 8's with good altitude control
- Simple aerobatics and recovery from extreme attitudes

Proficiency Check Flight

- You will fly multiple instructors during training. When you are ready to fly solo, you will fly with two instructors for two flights. These flights will be done without a buddy box.
- In each flight you will be required to:
 - Demonstrate a before start check of your model
 - Taxi
 - Demonstrate a pre-takeoff check
 - Make appropriate callouts
 - Takeoff and climb out straight ahead
 - Fly a rectangular pattern in level flight
 - Do a stall, and recovery with minimum loss of altitude
 - Fly a figure eight showing good altitude control
 - Fly a stabilized approach and a missed approach from both left and right
 - Fly an approach into the wind, and land

MAR/C Proficiency Check Quiz

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1. Name the national organization that guides and self-regulates flying models.
2. Name the federal agency with legal authority that regulates flying models.
3. What information should you to have marked inside or on your model?
4. Under the FAA sUAS (Small Unmanned Aircraft System) program, what altitude should you not exceed?
5. How far must you be from an airport when you fly?
6. When performing a pre-flight (before start) inspection what are you going to inspect?
7. In addition to the pre-flight (before start) check, what is your before-takeoff checklist?
8. How many pilots are allowed to fly at any one time at the Marymoor Field?
9. Are you allowed to fly behind the pilot stations with your model?

MAR/C Proficiency Check Quiz

10. Can you explain the markers that define the Marymoor flying boundaries?
11. What park areas are just outside our boundaries? Why must we stay inside the boundaries?
12. When flying, what callouts are you expected to make?
13. When are you allowed to fly a low pass over the landing area?
14. Before plugging in a battery on an electrically powered aircraft:
 - a. The throttle lever on the transmitter should be where?
 - b. The T_____ C__ switch on the transmitter (if available) should be set to I n _____
 - c. The switch on the airplane for the ESC (if available) should be _____ ,
or the safety plug (if installed) should be un – p l _____.
15.
 - a. Before starting a gas or glow powered aircraft, it must be R e _____ e d.
 - b. An electric S_____ should be used to start the engine.
 - c. If starting by hand, a chicken S t _ _ _ must be used to start the engine.
16. Lithium polymer batteries can be a _____ hazard. They should be charged and stored in a _____
- proof container, such as a _____. They should be charged only by LiPo capable
chargers at the correct charge _____ for that battery.
17. What airplanes must pass a 90 db noise measurement?

Version Information

Version	Author	Date	Description
1.5	Brian Kelly	April 2017	Aligned Flight Training Syllabus with new flight log. Misc corrections and refinements
1.6	Brian Kelly	4/19/2017	Misc edits, repaired links, to prepare for website update
1.7	Brian Kelly	4/26/2017	Corrections and misc edits
1.8	Brian Kelly	9/28/2017	Updated Proficiency Check and misc edits
1.9	Brian Kelly	TBD	Optimized to be a standalone on the website. Deleted page showing link to the ppt. Need to check page 13 for correct rule. Make links to chapters work in pdf and/or add page numbers to Contents. Moved Contents to top.