

Flight Proficiency Requirements

In order to fly a glow or gas engine powered or the equivalent electric powered (> 200 Watts) model at one of the N.M.M.A.C. flying fields without assistance from an instructor, the pilot must be able to demonstrate the following skills in the presence of at least two of the appointed instructor pilots. Upon completion, the instructor pilots will sign this form (which will be retained in the club's records) and the pilot will be qualified to fly solo.

- ❑ **Preflight** – Demonstrate proper preflight check on the model including a radio range check.
- ❑ **Engine Start** – Demonstrate proper engine starting technique or proper battery charging and installation procedures.
- ❑ **Takeoff** - Perform a controlled takeoff while demonstrating proper use of rudder to maintain a track parallel to the runway and proper use of throttle and elevator to maintain a smooth rotation and climbout.
- ❑ **Enter Flight Pattern** – Perform a “Procedure Turn” (90° turn followed by a 270° turn) after takeoff to enter the established flight pattern headed downwind.
- ❑ **Rectangular Pattern** – Fly in a rectangular pattern while maintaining altitude and compensating for wind drift.
- ❑ **Figure 8 Pattern** – Fly in a Figure 8 Pattern while maintaining altitude and compensating for wind drift.
- ❑ **Climbing and Descending turns** – Perform climbing and descending turns while maintaining nearly constant airspeed and compensating for wind drift.
- ❑ **Stall Recovery** – Perform a power-on and a power-off (reduced power) stall at safe altitude. Demonstrate a safe and controlled exit from the stall with recovery to flight at normal pattern altitude.
- ❑ **Landing** – Perform a low altitude fly-by and go-around followed by a controlled landing. The landing should be centered on the runway with the touchdown directly in front of the pilot.

Pilot's name: _____

Instructor: _____

Instructor: _____

Date: _____

Comments: