

# Your Next Airplane After Training

Marymoor R/C Club, Redmond, WA  
AMA Charter 1610



# Get ready for your Next Airplane

- Fly with your trainer until you feel you have mastered it
- Pay special attention to stabilized approaches
- Get proficient with simple aerobatics

# Choosing your 2<sup>nd</sup> Airplane

- Ask other pilots for their advice
- Choose a low-wing with some dihedral, or a high wing with less dihedral than your trainer
- Choose a slightly faster and more aerobatic airplane
- Park-zone T-28 is a good candidate
- Feel free to try a tailwheel airplane. Steering will be more challenging on takeoff, but the landing gear will be more robust.
- Avoid retractable landing gear. It is more fragile and more expensive. At this stage, you can still expect hard landings.
- 3D aerobatic planes, fighters, and ducted fans are good choices for that 3<sup>rd</sup> or 4<sup>th</sup> airplane

# Get help before you fly the next new airplane

- Ask other pilots to look over the plane before first flight
- Consider having a more experienced pilot do the first flight to get the plane trimmed properly

# Check out the Aero 101 Presentations

## Part 1 (June 2017 Club Meeting)

### **Before takeoff**

- Will this plane be stable?

### **Takeoff**

- How does the prop affect the airplane?
- Do I need right thrust?
- Wind
- Is the “downwind turn” a myth?

### **Cruise**

- How to fine-tune the cg
- Do I need down thrust?

### **General Handling**

- Plane snaps out of a tight turn
- Does dihedral help or hinder me?
- Won't respond to aileron when slow
- Unstable or too sensitive?

## Part 2 (Feb 2018 Club Meeting)

### **Approach**

- How can I slow down safely?
- Should I re-trim for approach?
- Use elevator or thrust?
- What will flaps do?

### **Judge what a new plane will be like**

- Wing Loading and stall speed
- Power loading
- Aspect Ratio
- Servo size

## Part 3 (November, 2018 Club Meeting)

- Programming your Transmitter to make the Airplane Easier and More Enjoyable to Fly

# 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
2.0	Brian Kelly	Nov 2018	Broken into separate standalone chapters for quicker access on the website.