Woodland-Davis Aeromodelers
20179 County Road 102, Woodland, CA

Flight Instruction and Training

Student Pilot Checklist

I) **Aircraft and engine check** (should be completed before model is brought to the field)

1. Strength of wing hold-down ☐
2. Spar structure & center section ☐
3. Hinging of control surfaces ☐
4. Rounded leading edges ☐
5. Warps and alignment ☐
6. Servo rails ☐
7. Radio installation ☐
8. Fuel-proofing engine/tank compartment/tank install ☐
9. Engine break-in & mounting ☐
10. Pushrods ☐

Checked by: _____

II) Preflight inspection

1. Condition of wing hold-downs ☐
2. Loose or broken hinges/linkages ☐
3. Radio protected from vibration ☐
4. Antenna routing out of airplane ☐
5. Open frequency ☐
6. Servos operate smoothly ☐
7. Control surfaces free of binding and move proper direction ☐
8. Range check ☐
9. Secure wing attachment ☐
10. Airplane balances properly (Center of Gravity [CG]) ☐
11. Wheels roll freely ☐
12. Prop balanced and secure ☐
13. Engine/Muffler/Carb tight ☐
14. Fuel lines free ☐
15. Proper carb adjustment ☐

Checked by: _____

III) **Orientation to field and airplane**

1. "Dry flight" – Demonstration and discussion of control inputs for flight maneuvering

2. Review and discussion of field rules (pilot area, approach patterns, announcement of takeoff, etc.)

3. Trimming aircraft for flight (radio trims, linkage adjustments, engine offset)

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IV) **Turns**

1. Right and left turns ☐
2. Flight away from and toward pilot ☐
3. Maintain altitude in turns ☐

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V) **Ground reference**

1. Ability to fly to specific reference points ☐
2. Ability to line up with runway* ☐
3. Rectangular flight path parallel to runway – Right track ☐
4. Rectangular flight path parallel to runway – Left track ☐
5. Slow flight and stall ☐

Checked by: _____

VI) **Takeoff**

1. Low-speed taxi ☐
2. High-speed taxi ☐
3. High-speed with rotation and climb out ☐
4. Hand launch (as applicable) ☐

Checked by: _____

VII) **Landing pattern and approach**

1. North wind approach ☐
2. South wind approach (procedure turn with left-hand approach) ☐

Checked by: _____

VIII) **Landing**

1. Trimming for proper attitude ☐
2. North wind approach and landing ☐
3. South wind approach and landing ☐

Checked by: _____

VIII) **Solo**

Four (4) safe and successful flights

Checked by: _____