



Student \_\_\_\_\_

Trainer \_\_\_\_\_

**El Dorado RC Field**  
[8746 Payen Rd](#)  
[El Dorado Hills, CA 95762](#)

## Flight Instruction and Student Pilot Training Checklist

- I) **Aircraft and motor/engine check** (should be completed by student before model is brought to the field). Notes: For electric aircraft mark N/A when non-applicable. Sections I and II may be bypassed if using EDRC Apprentice for training.

- |                                    |                          |   |                          |
|------------------------------------|--------------------------|---|--------------------------|
| 1. Strength of wing hold-down      | <input type="checkbox"/> | 7. Radio/ESC/Servos installation/Setup                | <input type="checkbox"/> |
| 2. Spar structure & center section | <input type="checkbox"/> | 8. Fuel-proofing engine/tank compartment/tank install | <input type="checkbox"/> |
| 3. Hinging of control surfaces     | <input type="checkbox"/> | 9. Engine break-in & mounting                         | <input type="checkbox"/> |
| 4. Rounded leading edges           | <input type="checkbox"/> | 10. Pushrods/clevises and fuel tubing over clevis     | <input type="checkbox"/> |
| 5. Warps and alignment             | <input type="checkbox"/> | 11. AMA & Club membership                             | <input type="checkbox"/> |
| 6. Servo Rails                     | <input type="checkbox"/> |   |                          |

Checked by: \_\_\_\_\_

II) **Preflight inspection**

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 1. Condition of wing hold-down                           | <input type="checkbox"/> | 9. Batteries charged (transmitter, receiver, and model) | <input type="checkbox"/> |
| 2. Loose or broken hinges/linkages                       | <input type="checkbox"/> | 10. Secure wing attachment                              | <input type="checkbox"/> |
| 3. Radio protected from vibration                        | <input type="checkbox"/> | 11. ESC calibrated/Throttle cut                         | <input type="checkbox"/> |
| 4. Antenna routing correct                               | <input type="checkbox"/> | 12. AS3X/Safe switch assigned/test directions           | <input type="checkbox"/> |
| 5. Open Freq or 2.4GHz                                   | <input type="checkbox"/> | 13. Airplane balances properly                          | <input type="checkbox"/> |
| 6. Servos operate smoothly                               | <input type="checkbox"/> | 14. Wheels roll freely/secure                           | <input type="checkbox"/> |
| 7. Control surfaces free of binding and proper direction | <input type="checkbox"/> | 15. Prop balanced and secure                            | <input type="checkbox"/> |
| 8. Range check   | <input type="checkbox"/> | 16. Engine/Motor/Muffler/carb tight                     | <input type="checkbox"/> |
|  |                          | 17. Fuel lines Free                                     | <input type="checkbox"/> |
|  |                          | 18. Proper carb adjustment                              | <input type="checkbox"/> |

Checked by: \_\_\_\_\_

**III) Orientation to field and airplane**

1. "Demo flight" – Demonstration and discussion of control inputs for flight maneuvering by instructor
2. Review and discussion of field rules (pilot area, approach patterns, announcement of takeoff, etc.)
3. Mandatory motor shut down and evasive action of aircraft that are nearing the safety area between the runway and pits, takeoff or landing
4. Trimming aircraft for flight (radio trims, linkage adjustments, engine offset)

Checked by: \_\_\_\_\_

**Flight Instruction and Training**

**IV) Flight Maneuvers**

1. Right and left turns
2. Flight away from and toward pilot
3. Maintain altitude in turns
4. Slow flight and stall
5. Figure 8, right and left hand


Checked by: \_\_\_\_\_

**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


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)


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VII) **Landing pattern and approach**

1. Southeast approach
2. Northwest approach
3. Consistent approach along runway center
4. Aborted landing and go-around


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VIII) **Landing**

1. Trimming for proper attitude
2. Southeast approach and landing
3. Northwest approach and landing
4. Dead stick landing


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IX) **Solo**

Four (4) safe and successful discrete flights (takeoff, landing on the middle 2/3 of the runway, taxi to takeoff position, repeat)

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Training Completed \_\_\_\_\_

Instructor

\_\_\_\_\_

Student

Date \_\_\_\_\_



New Member \_\_\_\_\_

Trainer \_\_\_\_\_

**El Dorado RC Field**  
[8746 Payen Rd](#)  
[El Dorado Hills, CA 95762](#)

## Experienced New Member Flight Checkout

I) **Preflight inspection** For electric aircraft mark N/A when non-applicable. Section I may be bypassed if using EDRC Apprentice for checkout.

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 1. Condition of wing hold-down                           | <input type="checkbox"/> | 9. Batteries charged (transmitter, receiver, and model) | <input type="checkbox"/> |
| 2. Loose or broken hinges/linkages                       | <input type="checkbox"/> | 10. Secure wing attachment                              | <input type="checkbox"/> |
| 3. Radio protected from vibration                        | <input type="checkbox"/> | 11. ESC calibrated/Throttle cut                         | <input type="checkbox"/> |
| 4. Antenna routing correct                               | <input type="checkbox"/> | 12. AS3X/Safe switch assigned/test directions           | <input type="checkbox"/> |
| 5. Open Freq or 2.4GHz                                   | <input type="checkbox"/> | 13. Airplane balances properly                          | <input type="checkbox"/> |
| 6. Servos operate smoothly                               | <input type="checkbox"/> | 14. Wheels roll freely/secure                           | <input type="checkbox"/> |
| 7. Control surfaces free of binding and proper direction | <input type="checkbox"/> | 15. Prop balanced and secure                            | <input type="checkbox"/> |
| 8. Range check   | <input type="checkbox"/> | 16. Engine/Motor/Muffler/carb tight                     | <input type="checkbox"/> |
|  |                          | 17. Fuel lines Free                                     | <input type="checkbox"/> |
|  |                          | 18. Proper carb adjustment                              | <input type="checkbox"/> |

Checked by: \_\_\_\_\_

## II) **Orientation to field and airplane**

1. Review and discussion of field rules (pilot area, approach patterns, announcement of takeoff, etc.)
2. Trimming aircraft for flight (radio trims, linkage adjustments, engine offset)
3. Mandatory motor shut down and evasive action of aircraft that are nearing the safety area between the runway and pits, takeoff or landing phase

Checked by: \_\_\_\_\_

## Flight Evaluation

III) **Flight Maneuvers**

1. Right and left turns
2. Flight away from and toward pilot
3. Maintain altitude in turns
4. Slow flight and stall
5. Figure 8, right and left hand


Checked by: \_\_\_\_\_

IV) **Ground reference**

1. Ability to fly to specific reference points
2. Ability to line up with runway center
3. Rectangular flight path parallel to runway – Right track
4. Rectangular flight path parallel to runway – Left track


Checked by: \_\_\_\_\_

V) **Takeoff**

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


Checked by: \_\_\_\_\_

VI) **Landing pattern and approach**

1. Southeast approach
2. Northwest approach
3. Aborted landing and go-around


Checked by: \_\_\_\_\_

VII) **Landing**

1. Trimming for proper attitude
2. Southeast approach and landing
3. Northwest approach and landing
4. Dead stick landing


Checked by: \_\_\_\_\_

VIII) **Solo**

Four (4) safe and successful discrete flights (takeoff, landing on middle 2/3 of runway, taxi to takeoff position, repeat)

Checked by: \_\_\_\_\_

Checkout Completed \_\_\_\_\_

Instructor

\_\_\_\_\_

New Member

Date \_\_\_\_\_



**El Dorado RC Field**

[8746 Payen Rd](#)  
[El Dorado Hills, CA](#)  
[95762](#)

**Pilot Certification**

Date: \_\_\_\_\_

Pilot Name: \_\_\_\_\_ Date joined AMA: \_\_\_\_\_

AMA#: \_\_\_\_\_ Check Pilot: \_\_\_\_\_

Club membership expiration: \_\_\_\_\_

- 1) Airworthy aircraft
- 2) Knowledge of local rules, radio frequency if applicable, and safety.
- 3) Demonstration of piloting skills

Check pilot signature: \_\_\_\_\_

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**Pilot Certification**

Date: \_\_\_\_\_

Pilot Name: \_\_\_\_\_ Date joined AMA: \_\_\_\_\_

AMA#: \_\_\_\_\_ Check Pilot: \_\_\_\_\_

Club membership expiration: \_\_\_\_\_

- 1) Airworthy aircraft
- 2) Knowledge of local rules, radio frequency if applicable, and safety.
- 3) Demonstration of piloting skills

Check pilot signature: \_\_\_\_\_