

ROUTINE PREFLIGHT CHECKLIST

Internal (Before attaching wing)

1. Check that servo mount, servos, and servo arms are secure.
2. Check that pushrods are secure.
3. Check that receiver and battery are secure.
4. Check for loose items/wires that could foul servo arms/pushrods.

Wing

1. Check for breaks, warps, cracks, etc.
2. Check aileron pushrods, linkage, clevises and hinges prior to securing wing.

Engine Area

1. Check engine mount, engine, muffler, prop nut and/or spinner.
2. Check prop for nicks, cracks, etc.
3. Check nose steering mechanism (if equipped).
4. Check that cowl is secure (if equipped).

Tail Section

1. Check vertical fin, rudder, hinges and rudder clevis for security.
2. Check tail wheel (if equipped).
3. Check horizontal stabilizer, elevator, hinges and elevator clevis for security.

Range Check/Fight Control Check

1. Synthesized Transmitters check frequency
2. When frequency pin is available, attach to antenna and range check aircraft with antenna collapsed.
3. For computer transmitters, be sure correct model has been selected
4. Check that flight controls move in the proper direction.
5. Check transmitter for correct rates.
6. Check that flight control surfaces are in proper trim
7. If using trainer box connect transmitters and repeat steps 4, 5, and 6 for student's Tx
8. Tx antenna fully extended after successful check.

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All RC flight

A blog about aeromodeling

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MAIDEN PREFLIGHT CHECKLIST

Internal (Remove wing if attached)

1. Check that servo mount, servos, and servo arms are secure.
2. Check that pushrods are secure.
3. Check that receiver and battery are secure.
4. Check for loose items/wires that could foul servo arms/pushrods.

Wing

1. Check for breaks, warps, cracks, etc
2. Insure center section is adequately reinforced.
1. Check aileron pushrods, linkage, hinges and clevises
2. Brief new pilots on adequacy of rubber bands.
3. After wing is in place, check for proper incidence and alignment, as best you can.

Engine Area

1. Check that the firewall area is fuel proofed.
2. Check that engine mount, engine, muffler, prop nut and/or spinner are secure.
3. Check prop for nicks, cracks, etc.
4. Check nose steering mechanism (if equipped).
5. Check that cowl is secure (if equipped).

Tail Section

1. Check vertical fin, rudder, hinges and rudder clevis' for security.
2. Check tail wheel (if equipped)
3. Check horizontal stabilizer, elevator, hinges and elevator clevis' for security.

Balance

1. Balance aircraft with fuel tank empty.
2. Show new pilots proper balance point and balance technique.
3. Explain danger of a tail-heavy aircraft.

Range Check/Starting Engine

1. Insure batteries have been adequately charged.
2. Check transmitter frequency.... Crystal or synthesize module
3. * When frequency pin is available, attach to antenna and range check aircraft with antenna collapsed.
4. For computer transmitters, be sure correct model has been selected
5. Check transmitter for correct rates.
6. Check that flight controls move in the proper direction.
7. Check for any servo and linkage binding while moving flight controls.
8. Check that flight control surfaces are in proper trim.
9. Fuel aircraft
10. * Start engine
11. * Tune engine (AWAY FROM PIT AREA).

* Explain How/ Why to new pilots.