



## Model Aircraft Airworthiness Checklist

Owner's Name .....

Date .....

Model Name .....

Motor & Battery Size .....

Model Type -      Trainer ☐      Sport ☐      Pattern ☐      Scale ☐      Glider ☐

### Radio Equipment

Radio Freq .....

Receiver model No. ....

Mode -      1 ☐      2 ☐

DAC & MAAA Compliant ☐

	<u>OK</u>	<u>Needs</u> <u>Attention</u>		<u>OK</u>	<u>Needs</u> <u>Attention</u>
<u>Covering – General</u>			<u>Receiver Installation &amp; Rx Battery</u>		
No loose edges	<input type="checkbox"/>	<input type="checkbox"/>	Packed in foam	<input type="checkbox"/>	<input type="checkbox"/>
Taut all over	<input type="checkbox"/>	<input type="checkbox"/>	Firmly located	<input type="checkbox"/>	<input type="checkbox"/>
Splits or tears	<input type="checkbox"/>	<input type="checkbox"/>	All plugs correctly & full inserted	<input type="checkbox"/>	<input type="checkbox"/>
<u>Engine &amp; Mount</u>			Wiring/plugs clear, undamaged and secure	<input type="checkbox"/>	<input type="checkbox"/>
Screws tight	<input type="checkbox"/>	<input type="checkbox"/>	All batteries fully charged	<input type="checkbox"/>	<input type="checkbox"/>
<u>Propeller</u>			Aerial correctly installed	<input type="checkbox"/>	<input type="checkbox"/>
Nut tight	<input type="checkbox"/>	<input type="checkbox"/>	<u>Servos</u>		
Not damaged & sharp edges	<input type="checkbox"/>	<input type="checkbox"/>	Rails or tray firmly mounted	<input type="checkbox"/>	<input type="checkbox"/>
<u>Spinner</u>			Servos securely mounted	<input type="checkbox"/>	<input type="checkbox"/>
Propeller and spinner balance	<input type="checkbox"/>	<input type="checkbox"/>	Servo arms secure	<input type="checkbox"/>	<input type="checkbox"/>
Secure and clear of propeller blades	<input type="checkbox"/>	<input type="checkbox"/>	Servo do not stall (no binding)	<input type="checkbox"/>	<input type="checkbox"/>
<u>Undercarriage</u>			<u>Linkages</u>		
Fixing tight	<input type="checkbox"/>	<input type="checkbox"/>	Pushrods & control horns secured	<input type="checkbox"/>	<input type="checkbox"/>
Wheel fixing tight	<input type="checkbox"/>	<input type="checkbox"/>	All quicklinks firmly closed and tubing	<input type="checkbox"/>	<input type="checkbox"/>
Steering adequate	<input type="checkbox"/>	<input type="checkbox"/>	<u>Fuel Tank (IC model)</u>		
<u>General Structure Including</u>			Adequate capacity for engine	<input type="checkbox"/>	<input type="checkbox"/>
<u>Hidden Parts of Airframe</u>			Located in correct position	<input type="checkbox"/>	<input type="checkbox"/>
Appear adequate for intended use	<input type="checkbox"/>	<input type="checkbox"/>	Does not leak	<input type="checkbox"/>	<input type="checkbox"/>
Wings straight, no warps, wanted wash out	<input type="checkbox"/>	<input type="checkbox"/>	Clunk & breather lines correct	<input type="checkbox"/>	<input type="checkbox"/>
Tail surfaces straight & true	<input type="checkbox"/>	<input type="checkbox"/>	<u>Main Battery (Electric Model)</u>		
Fin & rudder straight and true	<input type="checkbox"/>	<input type="checkbox"/>	Firmly located	<input type="checkbox"/>	<input type="checkbox"/>
Wing fastening adequate	<input type="checkbox"/>	<input type="checkbox"/>	All plugs fully insulated & secure	<input type="checkbox"/>	<input type="checkbox"/>
Balanced point marked (CG) .....mm	<input type="checkbox"/>	<input type="checkbox"/>	All batteries fully charged	<input type="checkbox"/>	<input type="checkbox"/>

## DAC - Model Aircraft Airworthiness Checklist cont'

	<u>OK</u>	<u>Needs</u> <u>Attention</u>		<u>OK</u>	<u>Needs</u> <u>Attention</u>
<u>Control Surfaces</u>			<u>Ailerons</u>		
<u>Rudder &amp; Steerable Nose/Tailwheel</u>			Correct direction & by right amount	<input type="checkbox"/>	<input type="checkbox"/>
Correct direction & by right amount	<input type="checkbox"/>	<input type="checkbox"/>	Transmitter - Ailerons differential setting	<input type="checkbox"/>	<input type="checkbox"/>
Transmitter - Hi/Lo rates setting	<input type="checkbox"/>	<input type="checkbox"/>	Transmitter - Hi/Lo rates setting	<input type="checkbox"/>	<input type="checkbox"/>
Hinges secure	<input type="checkbox"/>	<input type="checkbox"/>	Transmitter - Spoilerons/Flaperons setting	<input type="checkbox"/>	<input type="checkbox"/>
Does not bind	<input type="checkbox"/>	<input type="checkbox"/>	Hinges secure	<input type="checkbox"/>	<input type="checkbox"/>
No excessive slack	<input type="checkbox"/>	<input type="checkbox"/>	Does not bind	<input type="checkbox"/>	<input type="checkbox"/>
			No excessive slack	<input type="checkbox"/>	<input type="checkbox"/>
<u>Elevator</u>			<u>Throttle</u>		
Correct direction & by right amount	<input type="checkbox"/>	<input type="checkbox"/>	Correct direction & by right amount	<input type="checkbox"/>	<input type="checkbox"/>
Transmitter- Hi/Lo rates setting	<input type="checkbox"/>	<input type="checkbox"/>	Transmitter - Throttle hold/stop set	<input type="checkbox"/>	<input type="checkbox"/>
Hinges secure	<input type="checkbox"/>	<input type="checkbox"/>	Hinges secure	<input type="checkbox"/>	<input type="checkbox"/>
Does not bind	<input type="checkbox"/>	<input type="checkbox"/>	Does not bind	<input type="checkbox"/>	<input type="checkbox"/>
No excessive slack	<input type="checkbox"/>	<input type="checkbox"/>	No excessive slack	<input type="checkbox"/>	<input type="checkbox"/>
<u>Electronic Speed Controller (Electric Model)</u>			Power system adequate for model		
Appear adequate for intended use	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
Propeller turns in correct direction	<input type="checkbox"/>	<input type="checkbox"/>	<u>Transmitter (&amp; Receiver)</u>		
Brake on/off, type of cut-off	<input type="checkbox"/>	<input type="checkbox"/>	Transmitter battery full charged	<input type="checkbox"/>	<input type="checkbox"/>
Low Voltage Cut-off (hardcut off, >3V/cell)	<input type="checkbox"/>	<input type="checkbox"/>	Flight timer set and trigger	<input type="checkbox"/>	<input type="checkbox"/>
			Battery voltage telemetry set correctly	<input type="checkbox"/>	<input type="checkbox"/>
			Electric model - Throttle Kill Switch	<input type="checkbox"/>	<input type="checkbox"/>
			Failsafe set correctly	<input type="checkbox"/>	<input type="checkbox"/>
			Range test with motor running	<input type="checkbox"/>	<input type="checkbox"/>

Other Comment

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Checked By .....

Appears OK

Owner .....

Acknowledgment

NOTE: The use of the check list should help to ensure that your model is airworthy. However neither the checker nor Doncaster Aeromodeller's Club Inc. can be held responsible for undetected structural faults, design faults, radio faults, or interference or pilot error that may cause damage to the model or persons or property.