



# Tamaki Model Aircraft Club Airworthiness Inspection

NOTE: While the ultimate responsibility for the safety and airworthiness of the aircraft rests solely with the owner and/or pilot, all items listed must be approved by a Club Committee Member before this aircraft is to be flown at the Pt England Reserve Flying Field.

**DATE:** \_\_\_\_\_

Owner Name: _____ Aircraft: _____ Engine: _____	NZMAA # _____ Weight: _____ Prop: _____
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## INSPECTION CHECK LIST:

**ACCEPT REJECT RECHECK**

<u>General Appearance</u> - overall appearance (check for damage, warps, loose covering, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Centre of Gravity</u> - Test C of G	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Propeller</u> - secure (check for cracks, tip damage, balance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Engine</u> - securely attached (check muffler secure, method to prevent accidental starting, engine kill from radio)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Left Wing</u> - Attachment secure (check for cracks, tip damage, warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Left Wing</u> - Aileron hinges secure (check for twists or warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Left Wing</u> - Control link keeper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Left Wing</u> - Control pushrod stiffness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Right Wing</u> - Attachment secure (check for cracks, tip damage, warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Right Wing</u> - Aileron hinges secure (check for twists or warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Right Wing</u> - Control link keeper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Right Wing</u> - Control pushrod stiffness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Elevator</u> - Hinges secure (check for cracks, tip damage, warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Elevator</u> - Control link keeper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Elevator</u> - control pushrod stiffness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Rudder</u> - Hinges secure (check for cracks, tip damage, warping)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Rudder</u> - Control link keeper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Rudder</u> - Control pushrod stiffness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Tail Surface</u> - Brace wire secure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Tail Surface</u> - Brace wire keepers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Canopy or Windscreen</u> - Secure (check screws are actually going into a hardwood)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Hatches or Covers</u> - Secure (check screws are actually going into a hardwood)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Landing Gear or Wheels</u> - Secure (check wheel collars are locktight)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Batteries</u> - Secure (ask whether fully charged and of no more than five years of age)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Servos</u> - Secure (check all available screws used)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Receiver</u> - Restrained (check crystal taped in, aerial length, chaffing and fully extended with method of restraint, all PCM receivers to have failsafe - motor to idle)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Switches and Wiring</u> - restrained (check chaffing and method of restraint)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Radio Checks</u> - Correct frequency (check control directions ok, failsafe closes throttle)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Noise Check</u> - Under 96dbA (model checked at full throttle, Sound Meter = 3 meters from engine, 1 meter above ground)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Scrutineer Notes/Comments: \_\_\_\_\_

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**AUTHORIZATION:** "I certify that the above described aircraft has been inspected pursuant to NZMAA & TMAC safety guidelines." **SCRUTINEER:** \_\_\_\_\_

**DECLARATION:** "I herby certify that the Model Aircraft designated above has been constructed by myself in accordance with the plans/instructions of the manufacturer, and all of the equipment contained therein meets or exceeds the NZMAA & TMAC Guidelines."  
 "I understand that notwithstanding the above inspection I am solely responsible for the safety and structural integrity of the above model." **SIGNED (owner/builder):** \_\_\_\_\_