

Model Aircraft Safety Inspection Checklist



**Is this a maiden flight, or following repairs ? – If so, get another club member to check it over.
You may have missed something.**

GENERAL APPEARANCE and AIRFRAME:	Crash damage – Warps - Heat damage – Covering – Hatches - Canopy – Cowling secure. Servo mounts secure. Batteries restrained. CG position correct. Wing braces and attachments	✓ or X
ENGINE and SYSTEMS:	Engine mount secure. Engine bolts tight (locktite)	
	Fuel system secure and no obvious leak, or splits in fuel lines	
	Intake and/or exhaust secure	
	Throttle servo secure & arm screw fitted. Linkage not binding on cowling.	
	Propeller secure. No chips or damage to prop.	
DUCTED FAN:	Engine, Muffler, Fan Unit and Ducting Secure	
JET	Refer NZJMA for specifics.	
HELICOPTER, MULTIROTOR	Check all ball links for wear or free play.	
	check all main and tail rotor blades for damage, check root at blade pivot hole , check tip weight installation.	
	check for signs of loose or missing nuts and bolts	
	check main drive system for integrity	
WINGS:	Wing attachment secure	
	Aileron/Flap Hinges Secure	
	Control Horns Secure	
	Control Link Keepers Attached	
	Servos Secure & arm screw fitted	
	Control Pushrod Stiffness – does it flex under load?	
TAILPLANE:	Rudder and elevator attachment secure	
	Elevator and Rudder Hinges secure	
	Control Horns Secure	
	Control Link Keepers Attached	
	Servos Secure & arm screw fitted	
	Control Pushrod Stiffness – does it flex under load?	
LANDING GEAR:	Mounting Secure	
	Steering Working	
	Wheel collets secure (locktite)	
	Retracts not jamming – check cycling	
RADIO	All wiring plugs and sockets secured with a cap or tape.	

PREFLIGHT CHECK	Range check at start of day	
	All batteries battery charge – check under load	
	Correct aircraft selected on Tx	
	Control surfaces moving in correct direction	
	Failsafe operating	
	Engine cut working	
	Engine running – stable idle, transition and full power.	
	Safety clips on wiring plugs.	