

Certification of Large Models
MFNZ Large Model SIG

Form B : Construction Inspection Checklist

(To be completed by Inspector and signed by both Inspector and Owner)

Owner's Name :

Registration No.:

Address :

Phone :

Fax :

Email :

Important Note to Inspectors: The intent of the inspection process is to guide and advise, as appropriate. The process can be flexible, to meet the needs of both the Inspector and the Owner. Each aspect of the checklist must be approved, with comments added at the choice of the Inspector.

<p>Prototype Name : Wingspan : Length :</p> <p>Completed Weight :</p> <p>Completed Wing-loading :</p> <p>Motor(s) & Capacity :</p>	<p>Checked as Accurate <input type="checkbox"/></p>
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<p>Brief Description of Construction Methods :</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>

<p>Materials Used Including Covering :</p> <p>.....</p> <p>.....</p>	<p>Approved <input type="checkbox"/></p>
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<p>Assembly Methods :</p> <p>.....</p> <p>.....</p>	<p>Approved <input type="checkbox"/></p>
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<p>Motor(s), Mufflers and Fuel System (or Batteries if Electric) :</p> <p>.....</p> <p>.....</p>	<p>Approved <input type="checkbox"/></p>
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Receiver, Servo and Control Run Selection and Installation : Approved

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Batteries : Type, Capacity, Installation and Back-up Systems : Approved

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Wiring, Switches and Connections : Approved

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Linkages, Control Horns, Hinges, Mass & Aerodynamic Balancing : Approved

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Airframe Checks		<i>Approved</i>	<i>Comments</i>
Fuselage	- torsional stiffness, stressing, transportation joints	<input type="checkbox"/>
Engine Mounts	- material and security	<input type="checkbox"/>
Wings	- spar(s), torsional stiffness, stressing, ailerons and flaps: mountings and drives, mountings to fuselage and struts/rigging	<input type="checkbox"/>
Tail surfaces	- torsional stiffness, fixings to fuselage, control surface hinging and drives	<input type="checkbox"/>
U/C Mounts	- strength and transfer of loadings to main spar/wing or fuselage structure	<input type="checkbox"/>
<i>General Comments</i>			
Workmanship :			
Strength distribution :			
Weight distribution :			
Radio installation :			
Covering :			
Wing loading :			
Power loading :			

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Overall assessment of model :

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Any points of specific risk which require the Large Model SIG's attention :

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Recommendations for special operating conditions (if any) :

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Inspector's Signature : **Date:**

Conditions of Issue

1. It must be clearly understood that this Construction Inspection Checklist is published by the Large Model SIG of MFNZ only in an endeavor to assist its members in the design, construction and flying of safe model aircraft in the designated weight ranges.
2. This document is not intended in any way whatsoever as a warranty, guarantee or assurance of the safety or freedom from defect of any part of the model or its fittings or equipment, nor of the competence of any person who may fly it.
3. The Owner specified in this document and whose signature appears below, specifically indemnifies MFNZ and the Large Model SIG, its Inspectors, Witnesses, officers and members for any liability for loss, damage or injury arising from the contents of this document whether caused by negligence or otherwise.

Owner's Signature : **Date:**

Send this completed form to the Large Model SIG at the address published in the NZ Model Flier's World.
