



# Official MACI Website Document [www.maci.ie](http://www.maci.ie)

## Appendix N: Large Model Requirements

(Appendix N Passed 12/03/97 to take effect on 01/05/97 amended 09/06/09 and 24th May 2016)

- Any model with a weight, less fuel but including all equipment necessary for flight, of over 4 kilograms but under 7 Kg will not be allowed to fly until the member has registered their model with the IAA before its first outdoor flight. The registered member or pilot of the model must have, obtained the relevant MACI “A” certificate to be covered under the MACI insurance scheme. Models in this class may be flown using “buddy box” arrangements with only the pilot requiring an A Certificate.
  
- Any model with a weight, less fuel but including all equipment necessary for flight, of over 7 kilograms but under 25 Kg will not be allowed to fly until the member has completed and returned to MACI a signed Large Model registration form and registered their model with the IAA before its first outdoor flight.  
The registered member or pilot of the model must have, obtained the relevant MACI “A” certificate to be covered under the MACI insurance scheme. Models over 7 Kg must additionally comply with the specific requirements of that application as follows:
  - (a) The use of an on board battery state indicator with a receiver battery having a minimum capacity of 2000 mAh, regardless of voltage or type.
  - (b) Propulsion system must shutdown on loss of Radio Signal from Transmitter, i.e. “failsafe”.
  
- Any model with a weight, less fuel but including all equipment necessary for flight, of over 25 kilograms will not be allowed to fly until the until the member has completed and returned to MACI a signed Large Model registration form and registered their model with the IAA before its first outdoor flight.  
The registered member or pilot of the model must have, obtained the relevant MACI “B” certificate to be covered under the MACI insurance scheme. Models over 25 Kg must additionally comply with the specific requirements of that application as follows:
  - (a) A written approval for the specific model is required from the Irish Aviation Authority.
  - (b) On board power supply must have a means to provide a backup battery supply.
  - (c) An on board battery state indicator is required for each receiver battery.
  - (d) Each Rx battery must have a minimum capacity of 2500 mAh, regardless of voltage or type.
  - (e) Propulsion system must shutdown on loss of Radio Signal from Transmitter, i.e. “failsafe”

Approval will be notified to the registered owner of models over 7 Kg by the issue of an MACI “Large model Aircraft Identification Card”. It is the responsibility of the owner to remove the IAA and MACI registration numbers and to return or destroy any Large Model registration Aircraft Identification Card on transfer of ownership of any model.

Any model in any class of large model may be flown by another MACI member with the registered owner’s permission and adherence to these guidelines.

The registration shall expire on the 31 March following registration, however the council may alter the duration of validity as required.