
# *USRA Aircraft Safety Inspection Form*

Class _____ Race # _____ Date _____
Aircraft Type _____ Engine _____
Logbook #'s : Fuselage _____ Wing #1 _____ Wing #2 _____
Radio Manufacturer _____ Frequency _____
Pilot/Owner _____
Address _____
City _____ State _____ Zip Code _____

DECLARATION: I hereby certify that the model aircraft designated above has been constructed in accordance with large scale racing techniques and has been successfully flown a minimum of two (2) flights. I further certify that I have the necessary skills to safely fly this aircraft or have named a pilot who can safely do so. The transmitter and receiver which operate this aircraft meet the Academy of Model Aeronautics' requirements.

SIGNED (Owner/Builder) _____

Airworthiness inspection: This inspection is being performed by you and witnessed by an experienced giant scale pilot. While the ultimate responsibility for the safety and airworthiness of this aircraft rests solely with the owner and pilot, all inspection items listed must be witnessed by the observer for the aircraft to be certified for flight at this event.

| AIRFRAME INSPECTION CHECKLIST | Observer | Owner/Builder |
|---|---|---|
| PROPELLER - secure and free from cracks and nicks | _____ | _____ |
| ENGINE - securely attached and tethered | _____ | _____ |
| ENGINE KILL - external ignition switch | _____ | _____ |
| On board radio activated ignition kill switch | _____ | _____ |
| PCM FAIL SAFE- demonstrate power reduction/engine kill | _____ | _____ |
| WING - attachment, linkage, servos secure | _____ | _____ |
| STAB - attachment, linkage, servos secure | _____ | _____ |
| RUDDER - attachment, linkage, servos secure | _____ | _____ |
| CANOPY / WINDSCREEN - secure | _____ | _____ |
| HATCHES AND COVERS - secure | _____ | _____ |
| WHEELS AND LANDING GEAR - secure | _____ | _____ |
| BATTERIES - secure | _____ | _____ |
| GENERAL APPEARANCE - damage, warps, loose covering, etc. | _____ | _____ |
| DIMENSIONS - correct for type of aircraft | _____ | _____ |

(over)

# *RADIO INSPECTION CHECKLIST*

| | Make & Model | Rating |
|---|---|---|
| Aileron Servo(s) | _____ | _____ |
| Flap Servo(s) | _____ | _____ |
| Elevator Servo(s) | _____ | _____ |
| Rudder Servo(s) | _____ | _____ |
| Throttle Servo(s) | _____ | _____ |
| Gear Servo | _____ | _____ |
| Receiver | _____ | _____ PCM/FM |
| Transmitter | _____ | _____ PCM/FM |
| Batteries (200 mah per servo min) | _____ Single/Dual | _____ Capacity |

**RADIO RANGE CHECK**

Frequency _____

DO NOT DEMONSTRATE PCM FAILSAFE WITH THE ENGINE RUNNING

| | | | |
|---|---|---|---|
| Ignition engine: | External ignition kill demo | Pass | Fail |
| | Transmitter ignition kill demo | Pass | Fail |
| Engine Kill | | Pass | Fail |

Passed by _____

***Inspector - sign the logbook***

Comments: