

**NZNSSMBRC. Inc. SIDECAR SAFETY CHECK LIST 2021 Event**

RIDER NAME: ..... SWINGER NAME: .....

SCHOOL: ..... **STANDARD SIDECAR Racing number :.....**

SECTION	DESCRIPTION	Student Check	Safety Check.	Re-Check
<b>Steering and Control</b>	Headstock bearings secure and lubricated			
	Headstock suitably strengthened and braced.			
	Safe construction			
	Brake levers securely mounted onto handlebars			
	Twist grip secure and returns to idle position			
	<b>Handle Bar Ends Plugged</b>			
	<b>Lanyard Kill switch</b> works for ignition and electric fuel pump when fitted.			
<b>Frame and seat</b>	Safely constructed mild steel chassis, <b>adequately braced.</b> Maximum wheelbase 1400mm & width 1250mm as per specs. Rear axle nuts must be wired. <b>Frame to be painted.</b>			
	<b>Adequate</b> Welding standard exhibited/ Adequately Brazed			
	Seat unit secure and well supported			
	Foot rests if fitted, with rounded bungs in end			
	All nuts and bolts on the sidecar have either (1) spring washers (2) nylock nuts or (3) drilled and wired. Sidecar handgrips constructed to protect passenger hands from crush or trapping damage .			
<b>Fuel</b>	Fuel tank secure			
	No fuel leaks. Working fuel tap.			
	<b>Electric fuel pump has lanyard emergency stop switch.</b>			
	Fuel cap securely attached			
	Fuel pipe secured away from exhaust.			
<b>Motor</b>	Loncin 110 cc, 4 stroke, motor, the automatic single speed configuration as supplied by Newmans R/C Direct.			
	Engine oil drain & filler plugs secured by wire or suitable alternative. Catch tank/s attached to all breather pipes.			
	Exhaust tight, no leaks, suitably silenced & outlet must not point to the ground.			
	Engine adequately secured			
	The only permitted gear ratios are: 14:28 Gears or 15:30 Gears			

2021 Sidecar Safety Check list continues on sheet 2

<b>Driving Chains</b>	Adequately covered for driver and passenger.			
	Chain tension correct			
	Check chain condition wear, links, etc.			
<b>Brakes</b>	Brake callipers retaining bolts are drilled and wired.			
	Front and rear brakes function			
	Brake levers/pedal are secure and correctly adjusted.			
<b>Wiring</b>	Wiring must be suitably supported.			
<b>Wheels &amp; Tyres</b>	<b>Front Wheel:</b> Alloy with a maximum rim size of for 130/60/14" tyre with disc brake as supplied by Newmann Direct. <b>Rear Wheel:</b> Maximum rim size for 14" tyre with hydraulic disc brake as supplied by Newmann direct. <b>Rear Tyres:</b> Tyre - maximum 14" to suit rim. <b>Sidecar tyre:</b> Fully enclosed. Maximum diameter 13"	Front		
		Rear		
<b>Number Plates</b>	200mm x 150mm. Racing Number x3 must be clearly visible from <b>front and both sides of bike/combo</b>			
<b>Rider and Swinger</b>	Full Face Crash Helmets with visor or goggles, no cracks and with a secure strap. <b>No</b> Go Pro camera to be attached to helmet.			
	Leathers, leather jacket or similar, chest protectors (optional for the swinger) & back protectors			
	Good leather gloves			
	Boots that cover the ankle (NO Gum Boots) Lace up gymboots permitted for swinger. Minimum all up weight of SC + crew = 240kgs.			
<b>Declaration of Compliance</b>	Has your SIDECAR motor or gearing been modified? <b><u>Yes or No</u></b> <u>Cross out one.</u> If the answer is Yes: list details here or on the bottom of this sheet if more space is required. .....			
	We confirm that our sidecar Number _____ complies with the NZSSMBRC Inc. Specifications and Rules			
	Rider signature:..... Technology Teacher overseeing construction.	Swinger signature:..... Teacher signature:.....		
<b>BIKE CHECK PASSED</b>	<b>YES</b> Date: / /2021	<b>NO</b> Rechecked by:		