

Outlaw Thunder Series Participating Classes

Class	C + D Weight	Engine		Tech Guide	Rest. Plate	Carb Venturi	Comment
		Mfg	size				
World Formula	340#	-	-	QMA	-	-	-
Honda 160 Heavy	325#	Honda	160cc	QMA	-	-	-
Honda 160 Light	275#	Honda	160cc	QMA	-	-	-
Honda 120 Open Heavy	325#	Honda	120cc	QMA	-	-	-
Honda 120 Open	275#	Honda	120cc	QMA	-	-	-
Mixed Mod/A	Aluminum flywheels must be Aftermarket Billet SFI Rated (ARC)						
Mixed Mod/A	No pressurized or forced injection; No Fuel additives; Gas or Alcohol						
Mixed Mod/A	340#	Honda	GX160	OTS	N/A	N/A	Stock stroke; No Blockzilla blocks
Mixed Mod/A	340#	B&S	5HP	OTS	N/A	N/A	Stock stroke; No Blockzilla blocks
Mixed Mod/A	340#	Honda	GX120	OTS	N/A	N/A	Knock your socks off!
Mixed Mod/A	340#	B&S	3.5HP	OTS	N/A	N/A	Knock your socks off!
Mixed Mod/A	340#	B&S	3HP	OTS	N/A	N/A	Knock your socks off!
Mixed B	300#	B&S	5HP	OTS	0.585"	N/A	Stock engine with mods
		Any rod - Std. length; Any flat top piston with stock wristpin placement Any valve springs and retainers; Valve spring reliefs allowed Briggs ignition coil, similar aftermarket replacement OK; open ignition timing Maximum valves: Intake = 1.125, Exhaust = 1.000; No funneled intakes 3 or 5 HP cast iron flywheel allowed; Camshaft = .233" lift max					
Mixed B	300#	Honda	GX120	QMA	N/A	GX160	Open ignition timing
Mixed B	300#	B&S	3.5HP	OTS	0.625"	0.625"	Stock engine with mods
		Plate + any carb or .625 carb + no plate 31° ignition advance with stock coil; Stock valves, valve spring relief allowed Max intake port .825" diameter; Max intake manifold .825" inside diameter					
Mixed B	300#	B&S	3HP	OTS	N/A	N/A	Stock engine with mods
		Any head, head gasket, flywheel, connecting rod; Open ignition timing Any coil; Stock valves, valve spring relief allowed Open port sizes; Camshaft = .211" lift max					
Mixed Novice	230#	Honda	GX120	QMA	0.450"	-	21° keyway or flywheel
Mixed Novice	230#	B&S	3.5HP	OTS	N/A	0.510"	Stock engine with mods
		31° ignition advance with stock coil; Stock valves, valve spring relief allowed Max intake port .825" diameter; Max intake manifold .825" inside diameter					
Mixed Novice	230#	B&S	3HP	OTS	N/A	0.625"	Stock engine with mods
		31° ignition advance with stock coil; Stock valves, valve spring relief allowed Max intake port .825" diameter; Max intake manifold .825" inside diameter					
Mixed Beginner	230#	Honda	GX120	QMA	"RED"	-	21° keyway or flywheel
Mixed Beginner	230#	B&S	3.5HP	OTS	0.375"	0.510"	Stock engine with mods
		31° ignition advance with stock coil; Stock valves, valve spring relief allowed Max intake port .825" diameter; Max intake manifold .825" inside diameter					
Mixed Beginner	230#	B&S	3HP	OTS	0.395"	0.510"	Stock engine with mods
		31° ignition advance with stock coil; Stock valves, valve spring relief allowed Max intake port .825" diameter; Max intake manifold .825" inside diameter					