

Technical Inspection checklist for Motorcycles (except LSM Division) - MKM Racing Mojave Mile Shootout 9/25-26/2010

Here is a checklist of items that may be checked at Tech. Use it as a guide to prepare your bike. This is not the official MKM Tech Inspection form. This list may not cover every possibility. The Mojave Mile Rule Book is the official authority. This list does not apply to Land Speed (LSM) division bikes

revised 5/10/10		General fuel equipment requirements for all bikes:	
General Minimum Requirements for all bikes:		If electric fuel pump, must shut off with master switch/key	
Must be standard 2 wheel bike, no trikes,sidecars,Can-Ams,MP3s, etc.		If electric fuel pump, must shut off with tethered kill switch	
No choppers, scooters, dirt bikes, pocket GPs, minibikes or streamliners		If Nitrous, system installed, plumbed, and wired properly	
required stickers/numbers in place prior to tech inspection		If Nitrous, tank(s) mounted with real brackets, no hose clamps etc.	
Vehicle "ready-to-race" at tech inspection, with all equipment present		If Nitrous, two 2.5 lb., or one 5 lb. tank, max.	
All riders for vehicle present at tech inspection, with safety gear			
Minimum wheelbase 48 in.; maximum wheelbase 72 in.		General Clothing/Helmet Requirements for all bikes:	
Vehicle in good condition, no obvious leaks or loose parts		Full Face helmet with visor REQUIRED; M2000+, ECE, BSI, ACU, etc.	
Functional brakes F&R, adequate pad/lining depth		>>> NO DOT-ONLY HELMETS! No motocross type helmets! <<<	
Functional suspension and shock/fork must exist for each wheel		Clamshell-type front-opening helmets NOT allowed except in MS Division	
No drag-type suspension travel limit straps allowed		Helmet < 10 years old, in good condition, never crashed	
Must have fenders F&R		No visor tear-offs	
Turn signals/mirrors removed or taped over		Full coverage leather racing suit REQUIRED	
Headlights/taillights taped over		One-piece suit recommended; two piece must fully zip together 350 degrees	
Tethered kill switch installed and working - TEST REQUIRED		Leather racing gloves, gauntlet type, full fingered, no exposed metal	
Safety wired - axles F&R, drain plug		Leather high top boots, covering the ankle, overlapping the suit	
Master link clip wired or siliconed		No Kevlar/textile/nylon etc. suits; suit must be leather	
Chain guard required, preferably metal		No hydration devices/camelbacks allowed	
No multiple master links in chain		"Aero hump" is OK	
Steering damper required (above 135 MPH) (OEM damper OK)			
Hand controls have ball ends, no sharp points		MS Division requirements (in addition to general requirements)	
Spring return throttle, snaps closed		Must be street licensed, registered, and insured	
Handlebars will turn 15 degrees each way		Must be street-type, stock-profile bike, not heavily modified	
Rider's thumbs at least 12 inches apart when holding grips normally		Must have effective street legal mufflers, no straight pipes	
Breather hoses routed into catch can or air box		100 pump octane (R+M/2) unleaded gas max.	
		No power adders (nitrous, or added-on non-OEM blower/turbo)	
General tire/wheel requirements for all bikes:		S rated tires minimum	
Must be motorcycle tires, no auto tires		Tech speeds are: S tires = 115 MPH; H tires = 135 MPH;	
If DOT, must meet Load Rating rule (equal to or higher than stock)		V tires = 155 MPH; Z or higher tires = 165 MPH*	
If not DOT, tires must be approved by MKM		(*note that Z-tire MS entrants can just enter in MM instead, if they would like a higher tech speed, as long as the helmet is not a clamshell type)	
Must be less than 6 years old - oldest allowed date code will be 3804			
Rear tire section width 250mm max.		MM Division requirements (in addition to general requirements)	
Front tire section width at least half that of rear tire		No clamshell helmets	
No Drag Slicks allowed		One power adder allowed	
Tubes not allowed in tubeless tires unless approved by tire mfr.		Two power adders allowed if rider has a license higher than Basic	
Directional tires: must be correct rotation direction		117 motor octane pump or race gas max	
Inflated to at least spec-sticker pressure, 28 PSI minimum		H rated tires minimum	
Metal valve stem caps required		Tech speeds are: S tires=115MPH; H tires=135MPH; V Tires=155MPH;	
Highway-type or smooth tread only, no knobbies etc.		Z tires =190MPH; W or (W) tires = unlimited	
Tread depth 1/16 min., no cords showing		(of course, your speed license limit still applies, as always)	
no sidewall cracks, tread damage, or repairs; no rubbing			
Wheel weights taped to wheel			