



Meeting Minutes

Technical Commission

2023 Spring Meeting
Wednesday, May 31, 2023

Microsoft Teams

Meeting Agenda

1. Opening of Meeting 7 pm (Eastern)

- a. Comments by the AMA Representative – Mike Burkeen, Alexandria Reasoner
- b. Comments by the Commission Chair – Richard White
- c. Attendance

Name	Present	Absent With Notice	Absent Without Notice
Steven Bromley	√		
Mike Bronk	√		
Jeff Cernic	√		
Tad DeWalt	√		
Conrad Eigenmann	√		
Craig Hayes	√		
Tim McAdams	√		
Allen McWilliams	√		
Mikey Quinn Jr.	√		
Ed Santin	√		
Curtis Smith	√		
Richard White	√		

2. Introductions of New/Returning Members

3. Nominations for Commission Chair – Richard White nominated

4. Vote for Commission Chair – Richard White re-elected

5. Proposals – See proposals

6. New Discussion/Agenda Items

- a. 51cc to Micro Proposal (pages 7-9)

7. Closing of Meeting

Proposal Items

TC-0523-01: Section 1.2.C.3.a Page 19: Cylinder Re-plating.....	4
TC-0523-02: Section 1.2.C.3.b Page 20: Pistons, Rings, Piston Pin & Circlips	5
TC-0523-03: Appendix 5.2 Page 343: Sound Requirements	6



AMA Technical Commission Proposal

Proposal: TC-0523-01 Page: 19, Section: 1.2, Chapter: C.3.a

CURRENT

Cylinder re-plating is allowed but the original manufacturer's bore must be maintained.

PROPOSED

Cylinder re-plating is **not** allowed.

REASON

This rule is being abused by racers. When new plating is done, the intake and exhaust ports must be chamfered to avoid unnecessary piston wear after the plating process is completed. While it is a small amount of chamfering, it provides a significant amount of increased in power delivery to the smaller cc bikes. The cost of re-plating is around \$380; the cost of a new 50cc cylinder is around \$400-\$450.

SUBMISSION: Tim McAdams

DISCUSSION Conrad: parts availability, replating \$ way up unable to accurately measure, economic issue, Mike Burkeen: supply issues

MOTIONS Made: ----- Second: -----
VOTE For: ----- Against: Denied – Unanimously Abstain:-
DECISION Yes:----- No: _____ Amended: ----- Tabled: _____



AMA Technical Commission Proposal

Proposal: TC-0523-02 Page: 20, Section: 1.2, Chapter: C.3.b

CURRENT

Bearings, clutch plates, pistons, and piston rings may be aftermarket as long as they maintain the stock shape, design, and material of the OEM parts. Coating/plating must be identical to OEM parts and shall not be added or modified. High compression pistons are not allowed.

PROPOSED

Pistons, Rings, Piston pin and circlips must remain stock.

REASON

Remove the allowance of aftermarket piston and rings. None of the current 4 stroke after market pistons would pass this rule. The webbing is always different and not of similar design. It makes our referees come up with some sort of interpretation of the rule and judgement call as to weather the piston is similar enough to be legal or not.

SUBMISSION: Tim McAdams

DISCUSSION Strike pistons and rings, high compression piston limited class clarification.

Amended: Bearings and clutch plates may be aftermarket as long as they maintain the stock shape, design, and material of the OEM parts. Coating/plating must be identical to OEM parts and shall not be added or modified.

MOTIONS Made: ----- Second: -----

VOTE For: Approved as amended Against: ----- Abstain: -----

DECISION Yes:----- No:_____ Amended:----- Tabled:_____



AMA Technical Commission Proposal

Proposal: TC-0523-03 Page: 343 Section: Appendix 5.2

CURRENT

New

PROPOSED

A. Sound Requirements

Effective Jan 1, 2027. Current Appendix 5.2 will be in effect until December 31, 2026. Sound levels in all classes will be verified with the 2-meter max method.

- 1. The maximum sound limit is set at:

Maximum Sound limit in [dB/A]		
Engine	Pre-Race Inspection	Post-Race Inspection
	111.0	112.0
2-Stroke 4-Stroke	Target 109.0 + 2.0 for the precision of the method.	Target 111.0 + 1.0 for the degradation of the silencer.

REASON

Meet OEM requests. To be included as new Appendix 5.2 in 2027 (replacing current rules listed). For 2024 rulebook, this rule will be listed in Appendix 5.9: Upcoming Rules. Penalties and Testing Procedures to follow in the near future.

SUBMISSION: Richard White

DISCUSSION *Ed opposed* Supplemental Rules case by case

MOTIONS Made: _____ Second: _____

VOTE For: 11 Against: 1 Abstain: _____

DECISION Yes: _____ No: _____ Amended: _____ Tabled: _____

Approved. Supplemental Rules to be submitted to AMA regarding exceptions to 2 meter max testing.



American Motorcyclist Association
 Proposal for Rulebook Revision

Technical Commission Proposal Item

Proposal: TC-0523-04, Page: 39, Section: 1.3, Chapter: K

CURRENT

Class	Age requirement	Engine size	Engine type
1:51cc Jr. Limited	4 - 6 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Single-speed automatic. Maximum (adjusted length) wheelbase 36 inches. Maximum wheel size 10 inches. Maximum seat height 24 inches. No larger than 14mm round intake.			

Class	Age requirement	Engine size	Engine type
0: 51cc Sr. Limited	7 - 8 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Single-speed automatic. Maximum (adjusted length) wheelbase 41 inches. Maximum wheel size 12 inches. Retrofitted 12-inch wheels are permitted on all class 2 motorcycles. OEM parts must be used. No larger than 19mm round intake.			

Class	Age requirement	Engine size	Engine type
2:51cc Shaft Drive Limited	4 - 8 yrs.	0cc - 51cc	2-stroke
Single-speed automatic. 2-stroke oil-injected. Maximum (adjusted length) wheelbase 36 inches. Maximum wheel size 10 inches. Maximum seat height 22 inches. No larger than 12mm round intake.			

Class	Age requirement	Engine size	Engine type
4: 51cc Special Limited	4 - 8 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Class limited to the following models: Cobra P3, Cobra PW3, Cobra GI, DRR DB-50 JR, Honda XR50, Honda CRF50, KTM Mini Adventure, KTM 50 SX Mini, Suzuki JR50, Kawasaki KDX50, Yamaha TTR50, and Yamaha PW50. Wheelbase, wheel size, and seat height must maintain manufacturer specifications. No larger than 13mm round intake.			

PROPOSED

Class	Age requirement	Engine size	Engine type
1: Micro Jr. Limited	4 - 6 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Single-speed automatic. Maximum (adjusted length) wheelbase 36 inches. Maximum wheel size 10 inches. Maximum seat height 24 inches. No larger than 14mm round intake.			

Class	Age requireme	Engine size	Engine type
2: Micro Sr. Limited	7 - 8 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Single-speed automatic. Maximum (adjusted length) wheelbase 41 inches. Maximum wheel size 12 inches. Retrofitted 12-inch wheels are permitted on all class 2 motorcycles. OEM parts must be used. No larger than 19mm round intake.			

Class	Age requirement	Engine size	Engine type
3: Micro Shaft Drive Limited	4 - 8 yrs.	0cc - 51cc	2-stroke
Single-speed automatic. 2-stroke oil-injected. Maximum (adjusted length) wheelbase 36 inches. Maximum wheel size 10 inches. Maximum seat height 22 inches. No larger than 12mm round intake.			

Class	Age requirement	Engine size	Engine type
4: Micro Special Limited	4 - 8 yrs.	0cc - 51cc	2-stroke
		0cc - 51cc	4-stroke
Class limited to the following models: Cobra P3, Cobra PW3, Cobra GI, DRR DB-50 JR, Honda XR50, Honda CRF50, KTM Mini Adventure, KTM 50 SX Mini, Suzuki JR50, Kawasaki KDX50, Yamaha TTR50, and Yamaha PW50. Wheelbase, wheel size, and seat height must maintain manufacturer specifications. No larger than 13mm round intake.			

REASON

Continuity across the board

SUBMISSION: Richard White

DISCUSSION

Need to amend to add Mini-E update (page 41) and ATV 50cc classes (page 51) - see below:

Class	Age requirement	Battery Energy
Micro-E Jr. Limited	4 - 6 yrs.	1kWh
Maximum (adjusted length) wheelbase 41 inches. Maximum wheel size 12 inches. Maximum seat height 25 inches. Retrofitted 12-inch wheels are permitted. OEM parts must be used.		
Class	Age requirement	Battery Energy
Micro-E Sr. Limited	7 - 8 yrs.	1.5kWh
Maximum (adjusted length) wheelbase 41 inches. Maximum wheel size 12 inches. Maximum seat height 28 inches. Retrofitted 12-inch wheels are permitted. OEM parts must be used.		

Class	Age requirement	Engine size	Engine type
Micro Single-Speed	4 - 6 yrs.	0cc - 50cc	2-stroke
		0cc - 50cc	4-stroke
Single-speed automatic. No CVT. Maximum width 41 inches. Maximum 41" wheelbase. Maximum 4" of shock travel.			

Class	Age requirement	Engine size	Engine type
Micro CVT	4 - 8 yrs.	0cc - 50cc	2-stroke
		0cc - 50cc	4-stroke
Single-speed automatic. Belt-Drive.			

MOTIONS Made: __To be emailed to Technical Commission Members 6-7-23__ Second:____

VOTE For: _____ Against: _____ Abstain: _____

DECISION Yes: _____ No: _____ Amended: _____ Tabled: