

2023 Progressive American Flat Track – Summary of Draft Redline Rules (10/21/2022)

To: All Progressive AFT Competitors

Effective Date: 10/21/2022

Subject: 2023 Progressive American Flat Track – Summary of Draft Redline Rules (10/21/2022)

The following summary identifies additions, deletions and modifications summary draft redline rules for the 2023 American Flat Track rulebook.

Licenses, Credentials and Entries

1.1 Licenses and Credentials

f. Competition Licenses

iv. Riders over the age of 49 at the time of application must attach to their competition license application a medical fitness form (including a normal exercise tolerance electrocardiogram) signed by a doctor. The medical fitness form is available upon request from AMA Pro Racing.

1.4 Rider Classification and Eligibility

b. AFT Singles Rider Licenses

~~1. Riders who participated in a minimum of three events during the previous season.~~

~~ii. Riders issued an AFT Singles Rider License may not be approved for a license the following season if they do not attempt to qualify at a minimum of three AFT events. Any exception will be determined solely by AMA Pro Racing.~~

c. AFT Twins Rider Licenses

i. Riders who have reached the age of ~~47~~ **18** years...

~~1. Riders who participated in a minimum of three events during the previous season.~~

~~ii. Riders issued an AFT Twins Rider License may not be approved for a license the following season if they do not attempt to qualify at a minimum of three AFT events. Any exception will be determined solely by AMA Pro Racing.~~

Race Rules and Procedures

The Racing Program: *For the AFT SuperTwins class, the top 32 from combined qualifying will be seeded into two Heat races. The top 6 from each AFT SuperTwins Heat will advance directly to the Main. Riders finishing 7 – 16 in their respective Heats will be seeded into a 10-lap LCQ. The top 7 riders from the LCQ will advance into the Main, plus 1 spot for a provisional starter will complete the 20-rider grid for the Main. The AFT SuperTwins purse will pay down to 32 positions: 1-20 from the Main, 8-20 from the LCQ.*

Timed Practice and Qualifying: ~~107% qualifying rule.~~ *During any session, if a rider is in jeopardy of being lapped by the leader a second time, AMA Pro Racing officials may black flag that rider.*

Motorcycle Usage / Backup Bikes: *For all classes,* once a rider enters the track with a motorcycle during any session, that motorcycle may not be changed during that session.

General Technical Requirements

Fuel Specifications: VP C10 Racing Fuel will continue to be the Spec Fuel.

Tires: Dunlop DT4 racing tires will remain the Spec Tire. Any changes to compound and track type requirements TBA.

Sound: The existing sound test procedure will continue to be utilized for enforcement of sound limits.

AFT SuperTwins Technical Rules

4.2 Engines

1. Engine Displacement

i. **Minimum** 649cc with the following restrictions **on maximum displacement:**

1. **For 2023**, Production (Street Bike) Engines

- a. Production engines may not exceed 900cc.
- b. Bore and stroke may be modified to meet the maximum displacement limits listed above.

2. **For 2024, Production (Street Bike) Engines**

- a. **Liquid-cooled engines may not exceed 800cc.**
- b. **Air-cooled engines may not exceed 900cc.**
- c. **Bore and stroke may be modified to meet the maximum displacement limits listed above.**

3. Racing-only Engines:

- a. Liquid-cooled racing-only engines may not exceed 750cc. There is no provision for overbore.
- b. Air-cooled racing-only engines may not exceed 750cc with a maximum allowable overbore of 0.045" per cylinder.

2. **To prohibit the practice of "twingling" a twin, any modification of engine components to alter the stock OEM firing order/spacing of cylinders is prohibited.**

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13. Flywheel

a. Race-Only Engines:

i. **Race-Only Engine external flywheel / crank position trigger wheel may be limited to specific dimensions. Model specific requirements will be posted via Technical Bulletin.**

ii. The base flywheel must be fitted to all machines and cannot be modified in any way. Standard Indian flywheel (p.n. 1205794) must be fitted to all FTR750 machines with optional weight ring and associated mounting bolts removed. No additional mass may be added or removed. (same as 2022)

4.3 Engine Control System/Electronics/Traction Control

e. Production (Street Bike) Engines:

i. Only OEM sensors may be used to provide input to the ECU unless otherwise approved.

Race-Only Engines will be limited to a maximum of 11,500 R.P.M. (same as 2022)

4.4 Intake Manifolds, Carburetors, Fuel Injection and Restrictors

b. Throttle Body Specifications:

i. Carb/Throttle Body Maximum Inner Diameter:

1. **Production Engines:**

a. **Liquid-Cooled:**

i. 649-800cc: 40mm

ii. 801-900cc: 38mm

b. **Air-Cooled:**

i. 649-900cc: 40mm

2. Race-only engines: 38mm

ii. Race-only engines will be required to utilize AMA Pro Racing issued intake restrictors with a circular I.D. of 34mm. (same as 2022)

4.9 Wheels

- a. Maximum rear wheel weight must not exceed:
 - i. Race-only engines (Rim & Tire Only):
 1. ST, HM & Miles: 28 lbs.
 2. TTs: **31 lbs. when an inner tube is utilized.** ~~when traditional, laced-up spoked wheels are utilized.~~
 - ii. All other machines (Wheel Assembly, see h.): **43 lbs.**

AFT Singles Technical Rules**6.3 Engine Control System/Electronics/Traction Control**

f. Use of suspension stroke sensors are prohibited.

Considerations for AFT Singles in 2024: The following are being evaluated as potential cost cutting measures for implementation in the 2024 AFT Singles rules. Feedback from the community is requested:

- *Requiring use of original equipment suspension components (outer tubes) with modification price caps.*
- *Price capping approved aftermarket ECUs and electronic components.*
- *The exhaust system must remain as designed on the original equipment. I.E., no downpipes.*
- *Permitting approved and price capped aftermarket throttle bodies or requiring OE throttle body only.*
- *Limiting maximum rear wheel width to 3.0".*
- *Limiting maximum rear wheel weight to a practical value (eliminate heavy wheels for AFT Singles).*