

2024 Progressive American Flat Track – Summary of Redline Rules (10/11/2023)

To: Progressive American Flat Track Competitors
Date: 10/11/2023
Subject: 2024 Progressive American Flat Track – Summary of 2024 Progressive AFT Redline Rules

The following redline summary identifies changes and additions to the 2024 Progressive American Flat Track rulebook.

General Technical Requirements

3.4 Weight Limits

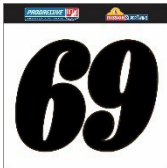
- i. Minimum bike weight:
 - 1. AFT SuperTwins (Race-only) 320 lbs.
 - 2. AFT SuperTwins (Production-based) **310** lbs.
 - 3. AFT Singles: 230 lbs.

3.12 Number Fonts and Sizes

- b. Number Size and Layout Requirements
 - ii. **AFT SuperTwins:**
 - 1. Stylized numbers are allowed; however, **all numbers must be solid, have no outlining and cannot overlap.** All number plate artwork must be submitted to AMA Pro Racing each year for approval prior to use in competition. Once approved, no substantive changes can be made without re-approval.

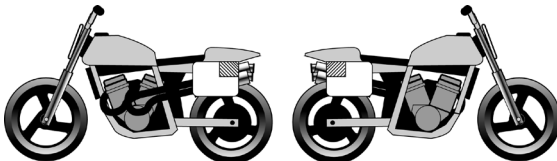
3.14 Number Plates

a. **AFT SuperTwins– Front Number Plates:**



- ii. Size: Must have exact dimensions of 12” by 12”
- iii. Plate Color: White
- iv. Number Color: **Black (PANTONE Process Black)** No restrictions. However, it is strongly recommended the body stroke or significant outline of the number be **black** to better facilitate rider identification.
- ...
- v. **Number plates cannot be louvered or perforated. The designated dimensional area for numbers and mandatory display of series and/or class logos must remain smooth and legible.**

b. **AFT SuperTwins – Side Number Plates**



- ii. Size: Must be 12” wide, and between 10” and 12” in height.
- iii. Plate Color: White
- iv. Number Color: **Black (PANTONE Process Black)** No restrictions. However, it is strongly recommended the body stroke or significant outline of the number be black to better facilitate rider identification.

AFT SuperTwins Technical Rules

4.2 Engines

- a. Engine Displacement
 - i. Minimum 649cc with the following restrictions on maximum displacement:
 1. Production (Street Bike) Engines
 - a. Liquid-cooled engines may not exceed ~~900cc~~ **800cc**.
 - b. Air-cooled engines may not exceed 900cc.
 - c. Bore and stroke may be modified to meet the maximum displacement limits listed above.
 2. 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.

5.4 Intake Manifolds, Carburetors, Fuel Injection and Restrictors

- b. Throttle Body Specifications
 - i. Carb/Throttle Body Maximum Inner Diameter:
 1. Production Engines: 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 at all events**.

AFT Singles Technical Rules

5.2 Engines

- n. Clutch
 - i. Clutch type (wet or dry) must remain as homologated.
 - ii. Aftermarket, modified or stock-type clutches with back-torque limiting capabilities are mandatory **at all Half-Mile and Mile events**. The clutch mechanism must provide a decoupling capability in the event of a catastrophic engine failure, and be designed to prevent the rear wheel from locking up if the engine stops turning unexpectedly. Approved products include slipper clutches or anti-stalling centripetal mechanisms from OEM or aftermarket manufacturers such as Rekluse, Hinson, STM and others. All decoupling clutch assemblies must be pre-approved by AMA Pro Racing prior to use in competition.

5.13 Items That May Be Replaced

- g. Radiator shrouds, side panels and rear fender with stock **or aftermarket replacements that replicate OE shape, dimensions and mounting orientation of that model year**.