

AFT Technical Bulletin #2022-01

To: All Progressive AFT Competitors
UPDATED: 12/30/2021 (see bolded sections under 4.9 Wheels)
Effective Date: 1/1/2022
Subject: Technical Changes for Race-Only Engines

As part of AMA Pro Racing's responsibility to maintain as competitive a landscape as possible in American Flat Track, the following technical changes will apply to all race-only engines used in the AFT SuperTwins class. Comparative performance will be monitored and adjustments may be made during the 2022 season.

3.4 Weight Limits

- i. Minimum bike weight:
 1. AFT SuperTwins (all displacements): **320 lbs.**
 2. AFT Production Twins (all displacements): **320 lbs.**

4.2 Engine Control System / Electronics / Traction Control

- a. Race-Only Engines will be limited to a maximum of **11,500 R.P.M.** Multiple methods can be utilized to gather and confirm compliance with R.P.M. limitations, including but not limited to downloading and analyzing a machine's on-board ECM data, downloading and analyzing a machine's on-board data logger's recorded data or distributing an event-specific standalone data logger to be installed by the respective teams and returned at the conclusion of the event. **In the event of AFT issued logger, model specific requirements will be posted via technical Bulletin.**

4.3 Intake manifolds, Carburetors, Fuel Injection and Restrictors

- a. **Race-Only engines**
 - i. Race-only engines will be required to utilize AMA Pro Racing issued intake restrictors with a circular I.D. of **34mm**. Issued restrictors or their location cannot be modified in any way. **Model specific information will be posted via technical Bulletin to illustrate restrictor dimensions, location and any additional requirements.**

4.9 Wheels

- a. Maximum rear wheel weight must not exceed:
 - i. Race-only engines:
 - i. **ST, HM and Miles: 28 lbs.**
 - ii. **TTs: 29.5 lbs. only when traditional, laced-up spoked wheels are utilized.**
- b. **Race-only rear wheel weight will be inspected after removing the rear rotor, sprocket, rotor and sprocket nuts and axle spacers. The maximum diameter of the rear rotor is 11.75 inches. Rear brake rotors must be designed to mount to the central hub. Perimeter or rim mounted rotors are not permitted. The rear braking system must be designed and function solely as a rear brake. AMA Pro Racing will make final determination if the rear brake design and function meets these criteria.**