

AFT Technical Bulletin #2021-03

To: All Progressive AFT Competitors
Date: 7/8/2021
Effective Date: 7/24/2021
Subject: Technical Changes for Race-Only Engines

As part of AMA Pro Racing's responsibility to maintain as competitive a landscape as possible in the American Flat Track series, a number of technical changes will be implemented beginning with the Port Royal Half-Mile on July 24. The following technical changes will apply to all race-only engines used in Progressive American Flat Track competition, in the AFT SuperTwins class.

3.4 Weight Limits

- i. Minimum bike weight:
 1. AFT SuperTwins:
 - a. **Race-only engines:** **330 lbs.**
 - b. Production-based engines: 310 lbs.
 2. AFT Production Twins (all displacements): 310 lbs.
 3. AFT Singles (all displacements): 230 lbs.

4.2 Engines

- i. **Flywheel (race-only engines)**
 - i. **The base flywheel must be fitted to all machines and cannot be modified in any way.**
 - ii. **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.**

4.9 Wheels

- a. All Flat Track motorcycles must use 19-inch diameter wheels, front and rear.
- b. Maximum wheel rim width is 3.5 inches, as measured at the inside, bead to bead.
- c. AFT SuperTwins may use wheels constructed of carbon fiber. Carbon fiber wheels must be approved by AMA Pro Racing prior to use.
- d. Wheel axles must be ferrous metal (i.e., steel) or stainless steel. Titanium or aluminum is not permitted.
- e. Maximum wheel assembly weight must not exceed:
 - i. **Race-only engines:** **35 lbs.**
 - ii. All other machines: 43 lbs.
- f. The wheel will be weighed as it comes off the racetrack. Removal of dirt and track debris is permitted. A wheel assembly consists of a tire, a single standard inner tube, approved rim tape or tube protector (located between rim and tube), rim, spokes, hub, wheel spacers, rotor, sprocket (and associated fasteners), and whatever minimum weight is required to balance the wheel assembly. The minimum amount of balancing wheel weights must be located in a single radial position for the sole purpose of legitimate static wheel balancing. AMA Pro Racing will make the final determination if any component or affixed balancing weights meet these criteria.
- g. Wheel designs that offer securely mounted weight options may be submitted to AMA Pro Racing for evaluation and pre-approval. Unapproved ballasted wheels used at any AFT event may be subject to penalty. A list of approved wheels can be found at amaproracing.com.