

## Introduction

- **Series, Class Names and Definitions (page 2)**
- **Categories of Circuits, Circuit Lengths (page 2)**

## Section 1 – Licenses and Credentials

### **1.1 Memberships and Licenses (page 6)**

- **Before competition licenses will be issued or renewed, riders are required to provide documentation of ImPACT Concussion Management Test.**

### **1.4 Rider Classification and Eligibility (pages 8-9)**

- Rider Classification
  - o **Once a rider has been approved for a Competition License, they will not be allowed to apply for a change in classification until the following season.**
- AFT Singles License Eligibility
  - o Minimum age: 16
  - o Current GNC2 riders and GNC1 riders are eligible to apply for an AFT Singles license.
  - o New applicants must hold an Amateur "A" classification with the American Motorcyclist Association.
- AFT Twins License Eligibility
  - o Minimum age: 18
  - o Current GNC1 riders may apply.
  - o Current GNC2 riders who have earned at least 100 points on a single or 50 points on a twin during a single season may apply.
  - o Final determination of eligibility and approval for an AFT Twins license shall be at the sole discretion of AMA Pro Racing.

### **1.5 Competition Numbers (page 9)**

- There is a new numbering protocol for both AFT Twins and AFT Singes. District letters will no longer be used.

### **1.6 Entries (page 11)**

- **With the exception of AFT Singles riders competing in the AFT Twins class on provisional licenses, riders may only enter and participate in the class for which they are licensed.** Riders competing on provisional licenses will not be guaranteed the same competition number in both classes.

### **1.7 Code of Conduct (page 12) and 1.8 Releases (page 14)**

- With expanded promotion and cable network broadcast exposure opportunities in 2017, certain expectations and releases are required:
  - o Advertising and Promotion Release
  - o Broadcast Release

## Section 2 – Race Rules and Procedures

### **2.1 The Racing Program (page 20)**

- Outlines the new tournament-style event format and general rules for how riders qualify for the Main events.
  - o Practice
  - o Timed Qualifying Sessions
    - Fastest Riders from Combined Qualifying proceed to the Heats, up to a maximum of 48.
  - o Heats
    - Positions 1 - 8 proceed to the Semis.
    - Positions 9 and up proceed to the LCQ.
  - o LCQ
    - Positions 1 - 4 proceed to the Semis.
  - o Semis
    - Positions 1 - 9 proceed to the Main.
  - o Mains
    - AFT Singles: One 15-Lap Main (18 Riders)
    - AFT Twins: One 25-Lap Main (18 Riders)

## 2017 American Flat Track Rulebook Changes



### 2.9 Motorcycle Usage / Backup Bikes (page 22)

- A rider may present a maximum of two motorcycles to tech inspection for use in competition at any event, provided that both the primary and backup machines are from the same manufacturer.

### 2.13 Pit / Paddock Regulations (page 24)

- Teams must have a certified, functional fire extinguisher accessible within their pit area at all times.
- Any times motorcycles are on the race track, all pets must be kept inside of a rider's motorhome or in a pet carrier.

### 2.16 On-Track Regulations (pages 25 – 27)

- Definitions of key race terminology have been added and/or clarified.

### 2.18 Timed Practice and Qualifying Procedures (pages 28 – 29)

- Procedures for practice groups, timed qualifying, transfers and gridding for Heats, LCQ, Semis and Mains have been documented and revised for the new tournament-style event format.

### 2.19 Provisional Start Cards (page 30)

- One (1) Provisional Start Card will now be provided to all licensed riders, but will no longer grant a rider direct access to the Main.
- At each event, there will be one grid spot available in each Semi for the AFT Twins and AFT Singles classes for riders using Provisional Start Cards.
- Riders who fail to transfer from the LCQ to the Semis may submit their original Provisional Start Card to the Race Director. The two (2) riders from each class with the highest standing in the class will be granted access to the Semis.

### 2.20 Race Procedures (page 30)

- Backup Bikes: When a rider arrives in staging, an AMA Pro Racing official will record the frame number of the motorcycle presented and that motorcycle will be deemed as the rider's only allowed machine for that race. For the remainder of that race, riders are not allowed to switch to a second machine.
- An outline of the Board and Horn Procedures used in staging has been added.
- Race Start Procedures: **There is no provision for a two-minute rule.**

### 2.21 Red Flag Stops and Restart Procedures (pages 33 – 36)

- Minimum Downtime: Red flags that occur during races will result in a mandatory minimum eight-minute (8:00) delay prior to the restart.
- Riders who are unable to remove themselves from an impact area under their own power and / or demonstrate behavior necessitating immediate medical attention, causing any session including race finals to be red flagged, may not resume any on-track activity until cleared by medical professionals and AMA Pro Racing's designated Race Director.
- Restart Procedures have been clarified and thoroughly detailed, including scoring, penalty and restart procedures.
- Race Distance / Minimum Duration:
  - o Should a Heat, LCQ or Semi be stopped after the leader has taken the White Flag, the race will be deemed complete and will not be restarted.
  - o If a Main is restarted, the remaining race distance following the restart will be at least five (5) laps.
  - o Should a Main be stopped after the leader completes (2) laps, the Main may be declared complete by AMA Pro Racing.

### 2.22 Rain Dates / Event Cancellations (page 37)

- Details the policies and procedures for championship points and purse distribution in the event of a cancellation.

### 2.23 Race Finishes and Ordering of Results (pages 37 – 38)

- The scoring procedures for the ordering of results has been documented, including an explanation of riders listed as Did Not Finish (DNF) and Did Not Start (DNS).
- Riders classified as DNS in the Mains will not receive championship points.
- Riders participating in a restart will be scored ahead of riders who have completed the same number of laps but have withdrawn or dropped out prior to the restart.

## 2017 American Flat Track Rulebook Changes



### 2.25 Championship Points (page 39)

- Riders must now attempt to take the start of a Main in order to receive championship points.
- Point schedule has been updated:

Position	Points	Position	Points
1 <sup>st</sup>	25	10 <sup>th</sup>	9
2 <sup>nd</sup>	20	11 <sup>th</sup>	8
3 <sup>rd</sup>	17	12 <sup>th</sup>	7
4 <sup>th</sup>	15	13 <sup>th</sup>	6
5 <sup>th</sup>	14	14 <sup>th</sup>	5
6 <sup>th</sup>	13	15 <sup>th</sup>	4
7 <sup>th</sup>	12	16 <sup>th</sup>	3
8 <sup>th</sup>	11	17 <sup>th</sup>	2
9 <sup>th</sup>	10	18 <sup>th</sup>	1

### 2.28 Rookie of the Year / Rising Star Awards (page 40)

- Rookie of the Year Award will be given to highest ranking eligible rookie in the AFT Twins class while the new Rising Star Award will go to the highest ranking eligible rookie in the AFT Singles class.

## Section 3 – General Equipment Standards

### 3.4 Weight Limits (page 42)

- Minimum bike weights for the classes has been adjusted to the following:
  - o AFT Twins: 310 lbs.
  - o AFT Singes: 235 lbs.

### 3.8 Tires (page 44)

- The Dunlop DT3 R10 compound has been added as an eligible tire.

### 3.12 Numbers and Number Plates (pages 46 – 48)

- AFT Twins number plates are now required to have exact dimensions of 12" wide by 12" tall.
- Number Plate Colors (MANDATORY)
  - o AFT Twins:
    - Plates: White
    - Numbers: Black (PANTONE Process Black C)
  - o AFT Singles:
    - Plates: Yellow (PANTONE Yellow C)
    - Numbers: Black (PANTONE Process Black C)
- Required Logos
  - o The 1" tall by 8" wide section in the center at the top and bottom of each number plate is reserved for series and class logos, respectively.
- Number Fonts:
  - o National Number 1:
    - Current class champions may use specially-sized number ones with prior written approval.
  - o National Numbers 1 – 99:
    - The designated font for single- and double-digit numbers on number plates is Impact:  
**1234567890 IMPACT**
    - Riders may apply to use an alternate number font by submitting a request to AMA Pro Racing.
  - o Numbers 100 – 399:
    - The only approved font for three-digit numbers is League Gothic:  
**1234567890 LEAGUE GOTHIC**
- Number Size and Layout Requirements have been detailed.

## 2017 American Flat Track Rulebook Changes

### 3.13 Telemetry and Video (page 49)

- Riders are permitted to use personal onboard cameras **during practice and timed qualifying sessions only**. An On-Track Camera Authorization form must be filled out at tech prior to the start of the event.

### 3.14 Rider Apparel (pages 50 – 51)

- A skid shoe must be attached to a rider's boot so it will not come loose. If a skid shoe becomes loose and has the potential to injure the rider or break free and endanger other participants, the rider will be black flagged.
- Riders must also wear leather gloves while the motorcycle is on the racetrack. Nylon gloves or other lightweight materials that do not provide a high level of abrasion resistance are prohibited. Approval of gloves will be at the sole discretion of AMA Pro Racing.
- **All riders must display the American Flat Track and exclusive technical partner logos in the approved locations of their leathers.**
- All riders must have their name on the back of the riding uniform at the shoulder level. Riders numbers are optional and are allowed in addition to a name, but not in place of a name. Rider numbers, if used, must be the same as the competition number on the motorcycle. No conflicting numbers are permitted.

### 3.15 Rider and Mechanic Appearance (page 52)

- Crew uniforms are required to display the American Flat Track and exclusive technical partner logos.

### 3.16 Series and Partner Logo Requirements (pages 52 – 53)

- Outlines the logo requirements for series marks, as well exclusive technical partners and contingency partners.
- Riders that do not comply with the logo requirements may not be eligible to receive purse, contingency and year-end awards, and may be subject to additional penalties.

### 3.17 Rider Suit and Crew Shirt Logo Placement (page 54)

- Rider suit and crew uniform diagrams have been added to identify the required series/partner logo placement.

## Section 4 – AFT Twins Technical Standards

### 4.2 Engines (page 56)

- Engine Displacement for AFT Twins: 649cc – 999.9cc
- Liquid-cooled, racing-only engines may not exceed 750cc.
- For 2018, engines with displacement from 751cc–999.9cc may be bored/stroked but must maintain original displacement.

### 4.4 Intake Manifolds, Carburetors, Fuel Injection and Restrictors (pages 58 – 59)

- Throttle Body and Manifold Specifications by Model/Type, (Fuel injected):
  - o Carb/Throttle Body Min./Max Inner Diameter:
    - 649cc - 750cc: 38mm
    - Race-only engines: 38mm
    - 751cc - 999.9cc: 44mm
  - o Manifold Min.:
    - 649cc - 750cc: As on approved engine (unless changing from single to dual throttle bodies)
    - Race-only engines: 38mm
    - 751cc - 999.9cc: As on approved engine (may be modified)
  - o If a restrictor is mandated, manifolds may be modified to accommodate the restrictor. All modifications must be pre-approved by AMA Pro Racing.
  - o Any throttle body from an approved engine, or applicable carburetor, may be utilized and may be modified as long as the throttle body stays in compliance with the Min/Max inner diameter regulation listed above. It is permitted for an injector relief to be located within the Min/Max measurement area.
- Fuel Injection
  - o Throttle bodies which come standard on approved engines and are smaller or larger than the Min/Max inner diameter regulation listed above are not allowed to be used without written pre-approval.
  - o If fuel injection is retained, secondary butterflies must be removed and OEM rubber manifolds must be retained except as noted below.
  - o Any type of electronic throttle control or "fly-by-wire," OEM or aftermarket, is prohibited. The rider must have direct mechanical connection with the induction components.

- Fuel injected machines that have throttle bodies unsuitable for racing may petition AMA Pro Racing for acceptable alternative throttle bodies. Approved alternative throttle bodies will be posted to the Approved Substitutes List on AMA Pro Racing's website.

#### **4.6 Frame and Swingarm (page 60)**

- Fork stops must be installed of sufficient size and strength to prevent fork tubes or other components from contacting the fuel tank in a crash.

#### **4.9 Wheels (page 61)**

- AFT Twins may use wheels constructed of carbon fiber. Carbon fiber wheels must be approved by AMA Pro Racing prior to use.

#### **4.11 Handlebar and Controls (page 62)**

- Only ignition cut on / off switch or button and starter button are allowed on the handlebars.

### Section 5 – AFT Singles Technical Requirements

#### **5.2 Engines (pages 64 – 66)**

- Aftermarket, modified or stock-type clutches with back-torque limiting capabilities are mandatory.

#### **5.4 Carburetors and Fuel Injection (pages 66 – 67)**

- If fuel injection is utilized, secondary butterflies must be removed.
- Any type of electronic throttle control or "fly-by-wire," OEM or aftermarket, is prohibited. The rider must have direct mechanical connection with the induction components.

#### **5.6 Frame and Swingarm (pages 67 – 68)**

- Fork stops must be installed of sufficient size and strength to prevent fork tubes or other components from contacting the fuel tank in a crash.

#### **5.9 Wheels (pages 68 – 69)**

- Carbon fiber wheels are prohibited from use in AFT Singles.

#### **5.11 Handlebar and Controls (page 69)**

- Only ignition cut on / off switch or button and starter button are allowed on the handlebars.