

## AFT Technical Bulletin #2021-04 (REVISED)

**To:** All Progressive AFT Competitors  
**Date:** 9/3/2021 (REVISED 9/7/2021)  
**Effective Date:** 9/11/2021  
**Subject:** RPM Limit for Race-Only Engines (REVISED)

**REVISED (9/7/2021):** Following successful data analysis at the Springfield Mile that allowed the initial gathering of RPM data from machines in the SuperTwins class, AMA Pro Racing has decided to continue the process of data collection and analysis prior to implementing adjustments to maximum engine R.P.M. With that understanding, the AMAP Technical Department will be working with the SuperTwins teams to continue to gather ECM and/or data logger recorded data at both the Sacramento Mile Doubleheader and the season finale at the Charlotte Half-Mile.

As part of AMA Pro Racing's ongoing mission to maintain as competitive a landscape as possible in American Flat Track, the following technical change for the AFT SuperTwins class is being implemented beginning at the Sacramento Mile Doubleheader event on September 11 & 12, 2021. The following technical changes will apply to all race-only engines used in the AFT SuperTwins class.

### RPM Limits for Race-Only Engines

Starting at the Springfield Mile, AMA Pro Racing will randomly gather on-board data from any SuperTwins machine, not being limited to race-only engines. Analysis of this data in combination with comparative on-track performance between brands may result in adjustments to maximum engine R.P.M. ~~Effective with the Sacramento Mile I on September 11<sup>th</sup>, the maximum allowable on-track engine R.P.M. for race-only engines will be limited.~~

~~The maximum R.P.M. limit implemented for the Sacramento Mile I, scheduled for Saturday, September 11, will be announced no later than Tuesday, September 7<sup>th</sup>.~~

### Technical Inspection and Analysis of RPM Limits

Prior to the start of on-track activities, AMA Pro Racing officials will confirm and document machine ECM hard rev-cut parameters and will randomly monitor on-track data throughout the event to confirm R.P.M. limit compliance. 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.

### Penalties for Non-Compliance

Penalties for non-compliance with the R.P.M. limitation may include:

- All times from that session will be struck and the rider will be disqualified from that session. Any machine found to be in violation of this regulation may be assumed to have been in violation leading up to the session in question and therefore all sessions run prior will be struck as well.
- If a violation occurs during a rider's qualifying Semi, it will be AMA Pro Racing's sole discretion to allow the rider to start the Main from the penalty row.
- If a rider violates the R.P.M. limit more than once during an event, it will be AMA Pro Racing's sole discretion to disqualify the rider for the remainder of the event.