

6.0 CLASSES AND POINTS

6.1 CLASSES

The following classes are recognized for competition at an AFM Race Meet (Exhibition classes will be run at the discretion of the Race Director and Board of Directors). Except for 6.1.4 and 6.1.5, these are “Sunday” races as referenced elsewhere.

- a) Riders will be removed from the track (black flag with red dot) if they are riding in a race day event so slowly as to be a hazard, or dangerous to other competitors. Future entries in that class may be placed on hold until the rider has demonstrated to race day officials that they are fast enough to not present a hazard to other riders, or themselves.
- b) First-time riders may be required to enter Clubman classes (ref 6.1.4) or Formula AFemme (Ref. 6.1.5) before their entries are accepted if they don't meet the recommended lap times.
 - i) All riders who enter Clubman must also pre-enter for Saturday practice and Sunday races. All riders who enter Formula AFemme and would otherwise be required to enter Clubman must also pre-enter for Saturday practice and at least one other class. They will have to show official AFM lap times from their Clubman or Formula AFemme race with those listed in rule 6.1 before being eligible for the above classes.
- c) Clubman or Formula AFemme racers who DNF or who do not have a working transponder will be considered to have missed the lap time requirement unless a special exception is granted. The rider requesting such exemption will contact a Rider Rep or the Race Director. The Race Director will rule on the exemption and notify Registration personnel.
- d) Riders who **MUST** enter Clubman or Formula AFemme:
 - i) First-year Novice riders who have not completed a Clubman or Formula AFemme race with lap times within those required by rule 6.1.
 - ii) Visiting/Reciprocity Novice riders who are riding with the AFM for the first time.
- e) Riders **MAY** be allowed to enter Clubman or Formula AFemme if they are not meeting the lap time requirements for a particular class.
- f) In the event that Clubman or Formula AFemme races are canceled, Novice Clubman riders will be allowed to race all other entered classes, and those lap times will be used in lieu of Clubman times for advancement to Novice status.

- 6.1.1 FORMULA (GP)** Formula Rules apply (ref. Section 9.3). Production- and Superbike-legal bikes may also run in Formula classes. Individual classes are as follows:

Formula IV

- 250-700 cc4-stroke twin-cylinder, plus Yamaha FZ07 (**See Competition Bulletin 3.12.16.01, Appendix M**)
- 250-450 cc4-stroke multi-cylinder
- 201-250 ccStreet based, 2-stroke, twin-cylinder
- 500-Open cc4-stroke, single cylinder
- 251-810 cc4-stroke, 2-valve, air-cooled twins
- 251-1050 cc4-stroke, push-rod, 2-valve, air-cooled twins
- 1200 cc.....4-stroke, push-rod, 2-valve, air-cooled twins that comply with the AMA Pro Racing XR1200 Race Series Rules

Formula III

- 100-125 cc2-stroke water-cooled
- 100-250 cc2-stroke air-cooled singles
- 100-450 cc4-stroke singles
- 100-300 cc4-stroke street-based twins
- 100-200 cc2-stroke air-cooled twins
- 245-Open cc4-stroke single cylinder, naturally aspirated

Formula II

- 201-250 cc2-stroke
- 201-Open cc2-stroke single cylinder
- 201-430 cc2-stroke air cooled
- 251-350 ccStreet based, 2-stroke, twin cylinder
- 451-Open cc4-stroke singles
- 125 cc.....GP, factory manufactured, water-cooled

Formula I

- 251-500 cc2-stroke (250 cc GP factory-manufactured, water-cooled\ bikes also allowed)
- 651-1000 cc4-stroke twin cylinder
- 451-750 cc4-stroke multi cylinder

Open Grand Prix

- 500-Open cc2-stroke multi cylinder
- 751-Open cc4-stroke. Open cc bikes are limited to stock manufactured displacement plus one mm overbore.

Formula Singles

- 245-Open cc4-stroke single cylinder, naturally aspirated

Formula Twins (Each of the following displacement categories is a class)
 245-500 cc4-stroke twin cylinder, naturally aspirated
 501-650 cc4-stroke twin cylinder, plus Yamaha FZ07, naturally aspirated
 PLUS up to 810 cc 2-valve twins. These twins may run in both
 650 and Open Twins classes on a given raceday. 1200 cc
 4-stroke, push-rod, 2-valve, air-cooled twins that comply with
 the AMA Pro Racing XR 1200 Race Series Rules.
 651-Open cc4-stroke twin cylinder, naturally aspirated. Open cc is limited
 to stock manufactured displacement plus one mm overbore

Formula 40 (Will not count for overall points, and is Chapter Optional
 Riders who are 40 years of age or older.

Lightweight: Formula III, Formula IV (Buell XB9 per Formula IV is
 allowed), 250 Superbike, 250 Production, 450 Superbike,
 700 Production, Lightweight Twins, Formula Twins 650,
 Super Dinosaur (up to 600 cc), and Vintage. Participation in
 class must be from riders meeting the lap time requirement
 (see chart above).

Middleweight:..... Formula I, Formula II, 600 Production, 600 Superbike,
 750 Production, 750 Superbike (twin cylinder engines up
 to 1000cc are allowed), and Super Dinosaur (601cc and
 larger). Participation in class must be from riders meeting
 the lap time requirements (see chart above.)

Heavyweight:..... Open Production, Open Superbike, Open Grand Prix, and
 Formula Twins Open. Participation in class must be from
 riders meeting the lap time requirement (see chart above).

Formula 50 (Will not count for overall points, and is Chapter Optional)
 Riders who are 50 years of age or older.

Formula Pacific

0-Open cc A class for the fastest riders. At Sonoma, riders must achieve
 a consistent lap time of 1:47.0 to enter; at Thunderhill, 1:59.0;
 at Buttonwillow, 1:56.0 (1:59.0 counter clockwise). If a rider
 appears they will be lapped before the end of the race they
 may be black-flagged.

Riders may be required to prove lap time eligibility from official AFM time
 sheets. Any rider receiving the meatball flag because they did not meet the
 lap time criteria may not re-enter the class until they can show such proof.
 This class is for Experts only.

Formula Vintage (Will not count for overall points, and is Chapter Optional)

For 1982 and earlier motorcycles and like (i.e., the Yamaha Seca XJ550 was originally introduced in 1981, but was produced through 1983. The '83 model would be allowed); using DOT tires, with period modifications only. Vintage will be scored as one class (no displacement breakdowns). For any additional information on Vintage rules. Please call the Formula Vintage coordinator Dave Crussell (925) 846-0482, evenings until 10PM.

6.1.2 SUPERBIKE

Superbike Rules apply (ref. Section 9.2). Production-legal bikes may also run in Superbike classes. Each of the following displacement categories is a class:

175-250 cc

251-450 cc

451-600 cc

601-750 cc

751-Open cc

- a) The following 4-strokes may run down one class in Superbike: Singles, Twins and 675 cc triples.
- b) 4-stroke Singles and Twins may be built to either Superbike or Formula rules.
- c) Water-cooled twins are limited to a 250 cc displacement advantage when running down a class.
- d) 600 cc and 750 cc class bikes may run up a class.
- e) Open cc bikes are limited to stock manufactured displacement plus 1mm overbore.
- f) A disabled cylinder motorcycle (Ref. 6.1.7) may run in 450 Production, 450 Superbike, Formula AFemme, Formula IV, Formula 40 Light, and Legacy Light classes with a maximum functional displacement of 450cc. The 4th cylinder must be permanently disabled. Rule 8.1.1(c) does not apply.

Super Dinosaur

No displacement limits; bikes must be model year 2001 and older.

Legacy

(Models 2007 and earlier). Superbike rules apply (Ref. 6.1.2). Participation in class must be from riders meeting the lap time requirement (see chart above). (Will not count for overall points, and is Chapter Optional)

250:..... 250 Production, Super Dinosaur (up to 250 cc), and Vintage.

Light:..... Formula III, 250 Superbike, Formula III, Formula IV (Buell XB9 per Formula IV is allowed), 450 Superbike, 650 700 Production, Lightweight Twins, Formula Twins 650, Super Dinosaur (up to 600 cc), and Vintage. Bikes eligible for Legacy 250 excluded.

Middle: Formula I, Formula 11, 600 Production, 600 Superbike, 750 Production, 750 Superbike (twin cylinder engines up to 1000cc are allowed), and Super Dinosaur (601cc and larger).

Heavy:..... Open Production, Open Superbike, Open Grand Prix, and Formula Twins Open.

6.1.3 **PRODUCTION:** Production Rules apply (ref. Section 9.1). Each of the following displacement categories is a class:

175-250 cc

251-350 cc

351 – 450 cc..... (plus 399-450 cc import/domestic 4-cylinders. ref. 6.1.3(g), and 3/4 600 cc bikes ref 6.1.7.)

451-600 cc

600-700 cc..... Twin cylinder motorcycles

601-750 cc

751-Open cc

- The following four-strokes may run down one class in Production as long as the bike meets all other Production requirements: Singles, Twins, 675cc Triples and 636 4-cylinders.
- Twins may not run down a class into 250 Production. Singles running down into 250 Production are limited to 400 cc.
- Water cooled Twins are limited to a 250 cc displacement advantage when running down a class.
- 600 cc and 750 cc class bikes may run up a class.
- 700 Production will be exempt from bodywork limitations in Rule 9.1.6(j) and (k).
- "Open cc" bikes are limited to stock manufactured displacement under Production 9.1 rules.
- 399-450 cc import/domestic 4-cylinders may also have the cylinders bored to the class limit of 450 cc. The cylinder heads may be ported and camshafts may be changed.

6.1.4 CLUBMAN

(Will not count for overall points, and is Chapter Optional.) Each Clubman class incorporates machines from other AFM classes (Ref. Section 6.1). Eligible riders must enter the Clubman race that fits their machine, and may also “run up” a class with the same machine (same bike may be entered in both classes).

Lightweight:Formula III, Formula IV, (Buell XB9 per Formula IV is allowed), 250 Superbike, 250 Production, 450 Superbike, 700 Production, Lightweight Twins, Formula Twins 650, Formula Singles, Super Dinosaur (up to 600cc), and Vintage.

Middleweight: ...Formula I, Formula II, 600 Production, 600 Superbike, 750 Production, 750 Superbike. (Twin cylinder engines up to 1000cc are allowed), and Super Dinosaur 601cc and larger).

Heavyweight:Open Production, Open Superbike, Open Grand Prix, and Formula Twins Open.

6.1.5 Formula AFemme

(Will not count toward overall points and is Chapter optional). Racers must be female and licensed as described in section 2.0. All motorcycles legal per section 6.1.1 are eligible. There is no lap time requirement for this class.

6.1.6 Electric Motorcycles

Electric motorcycles may be allowed to compete in AFM classes for points with approval from the AFM Board of Directors and Race Director.

- a) Eligible classes for electric motorcycles are to be determined on a case-by-case basis for specific makes and models of electric motorcycles. Riders and/or teams interested in competing on electric motorcycles must petition the AFM Board of Directors to get approval for their specific make and model motorcycle to compete in AFM (class eligibility to be determined by the AFM Board of Directors, Race Director and/or Chief of Tech).
- b) Electric motorcycles allowed in Production and Superbike classes are subject to rules 9.1 and 9.2 regarding machine availability and allowed modifications.
- c) Electric motorcycles are required to comply with the tech and safety requirements of TTXGP as well as any AFM specific requirements as determined by the AFM Chief of Tech. This includes any requirement for safety equipment and safety quarantine areas within the riders' pit area. Competitors on electric motorcycles are required to contact the AFM Chief of Tech for discussion of all safety and technical

requirements before participating in any AFM event.

- d) In order to allow AFM workers to recognize that a motorcycle is electric, these motorcycles are required to use green number plate backgrounds with white numbers for Experts, and yellow numbers for Novices. All other number and number plate requirements apply.

6.1.7 Disabled Cylinder Motorcycles

- a) A disabled cylinder motorcycle is a 600 Production or 600 Superbike motorcycle with a cylinder disabled to produce a 450 Production or 450 Superbike motorcycle.
- b) The cylinder disablement must include some physical modification to the engine (i.e., cam lobes removed, valves removed, fuel injector(s) bypassed or spark plug removed.)
- c) The disabled cylinder's fuel or spark (or both) must be disabled in a manner that is readily verifiable from the outside of the motor.
- d) The disabled cylinder's reciprocating mass may not be removed (i.e., bob weighted crankshafts are not allowed.)

6.2 POINTS AND AWARDS

6.2.1 Points shall be awarded in accordance with the following schedule (for all classes EXCEPT Formula Pacific):

Finishing Position	Points Awarded
1.....	36 ...+ ... starters beaten
2.....	30 ...+ ... starters beaten
3.....	25 ...+ ... starters beaten
4.....	21 ...+ ... starters beaten
5.....	17 ...+ ... starters beaten
6.....	13 ...+ ... starters beaten
7.....	10 ...+ ... starters beaten
8.....	8 ...+ ... starters beaten
9.....	6 ...+ ... starters beaten
10.....	5 ...+ ... starters beaten
11.....	4 ...+ ... starters beaten
12.....	3 ...+ ... starters beaten
13.....	2 ...+ ... starters beaten
14.....	1 ...+ ... starters beaten
15.....	starters beaten
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38.....	starters beaten
39.....	starters beaten

- 6.2.2** Points will not be awarded for finishers beyond 40th place. The maximum possible number of points per race is 75 (36 + 39 starters beaten). The maximum possible number of points per DOUBLE POINTS RACE is 150.
- 6.2.3** To be eligible for points, a motorcycle in a given class must complete at least 80% as many laps as the winner of that class.
- 6.2.4** All race events in 2016 are points events and all will be counted towards class and overall championships (including top novice). An exception is any event where non-optional classes are cancelled; points from that day do not count towards the overall championships, although classes that are run will count for class championships. These policies are subject to change. Overall standings are based on a rider's one best points finish from applicable events.
- 6.2.5** The Top 5 points earners in the 2015 Formula Pacific class will receive numbers 1-5 for the 2016 season. The top overall points earners in 2015 will receive numbers 6-10 for the 2016 season, excluding everyone already receiving a 1-5 number.
- 6.2.6** Points for Formula Pacific shall be awarded in accordance with the following schedule:

Finishing Position	Points Awarded
1.....	51 Points
2.....	46
3.....	42
4.....	39
5.....	37
6.....	35
7.....	33
8.....	32
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38.....	2
39.....	1
40.....	0