

## 2026 Approved AFT SuperTwins Engines, Updated 2/10/2026

The following list identifies all twin-cylinder engines approved for use in AFT Mission SuperTwins competition

Engines submitted for homologation approval in AFT SuperTwins must originate from production street motorcycles. If an engine's displacement is outside the class displacement limits in its original production form, it can still be submitted for homologation approval. Once approved, the engine must not exceed a displacement of 800cc for water-cooled engines or 900cc for air-cooled engines when used in competition. Modifications to the engine's bore and stroke are allowed to ensure it meets these displacement limits.

**Aprilia:**

- 660 Parallel Twin
- 990 V-Twin Aprilia-Rotax

**BMW:**

- 800 Parallel Twin

**Ducati:**

- 821 V-Twin Testastretta 11°: four-valve, liquid-cooled
- 890 V-Twin "V2"
- 937 V-Twin Testastretta 11°: four-valve, liquid-cooled
- 959 V-Twin Superquadro

**Harley-Davidson:**

- 750 V-Twin, XG750R
- 883 V-Twin XL Evolution
- 975 V-Twin, Revolution Max

**Honda:**

- 670 Parallel Twin
- 755 Parallel Twin
- 998 Parallel Twin

**Husqvarna:**

- 799 Parallel Twin
- 890 Parallel Twin

**Indian:**

- 983 V-Twin

**Kawasaki:**

- 649 Parallel Twin

**KTM:**

- 799 Parallel Twin LC8c
- 890 Parallel Twin LC8c
- 990 V-Twin LC8

**Royal Enfield:**

- 650 Parallel Twin
- 750 Parallel Twin

**Suzuki:**

- 649 V-Twin
- 776 Parallel Twin

**Triumph:**

- 865 Parallel Twin
- 900 Parallel Twin

**Yamaha:**

- 689 Parallel Twin