



Standard Specification for Safety and Performance of Fun-Karts¹

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1. Scope

1.1 This specification relates to the safety performance specifications for commercially manufactured fun-karts intended for private use, on suitable off-road terrain, by consumers.

1.2 This specification is intended to reduce hazards, other than those inherent in the sport of fun-karting, to the users of fun-karts during normal intended use by specifying performance standards of manufacturing.

1.3 This specification applies to fun-karts for private use and does not apply to concession, race, home-made, consumer-modified fun-karts, fun-karts that are pedal-powered, unpowered fun-karts, or fun-karts, which are used for commercial purposes.

1.4 This specification recognizes that there are operational hazards relating to fun-karts, which operators and passengers are deemed to have accepted by their use and operation of the fun-kart including, but not limited to, falling out, running into, through, under or over objects, upsetting the fun-kart, general operator recklessness, pinches, scratches, or bruises, or a combination thereof.

1.5 This specification does not cover labeling, maintenance, or use. For use and maintenance, see Safety Guide [F1928](#).

1.6 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

2. Referenced Documents

2.1 ASTM Standards:²

[F1928 Safety Guide for Consumer Recreational Use of Fun-Karts](#)

¹ This specification is under the jurisdiction of ASTM Committee [F15](#) on Consumer Products and is the direct responsibility of Subcommittee [F15.41](#) on Fun Karts.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

2.2 CPSC Document:³

[CFR 1303 Ban of Lead-Containing Paint](#)

2.3 FMVSS Standards:³

[FMVSS 571.209 Seat Belt Assemblies](#)

2.4 SAE Standard:⁴

[SAE J 386 Operator Restraint Systems for Off-Road Work Machines](#)

2.5 ANSI Standard:⁵

[ANSI/OPEI B71.1 Safety Specification for Power Lawn Tractors](#)

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

3.1.1 *axle guard, n*—a device that covers the drive axle on fun-karts so that the possibility of injury resulting from hand, hair, loose clothing, or body parts contacting the axle is reduced.

3.1.2 *brush bars, n*—any device supplied by the manufacturer intended to deflect loose vegetation from the path of the fun-kart operator, and passenger in two-seat fun-karts.

3.1.3 *control pedal pivot, n*—the center point about which the control pedal rotates. Excluded from this definition are any control device(s) attached to the pedal itself.

3.1.4 *deck plates, n*—a form of guarding through the use of relatively flat barriers to cover rotating components.

3.1.5 *engine stop switch, n*—a toggle switch, or other two-position positively engaging switch, which when activated causes the engine to stop or not operate, or both.

3.1.6 *engine throttle system, n*—the throttle mechanism attached to the engine, as provided by the engine manufacturer.

3.1.7 *fun-kart, n*—a motorized vehicle with four wheels, excluding vehicles which the operator, and passenger, if any, sit astride, sold commercially as consumer goods and intended for private personal recreational use by consumers for off-road use

³ *Code of Federal Regulations*, available from U.S. Government Printing Office, Washington, DC 20402.

⁴ Available from SAE International (SAE), 400 Commonwealth Dr., Warrendale, PA 15096-0001, <http://www.sae.org>.

⁵ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.