



Standard Practice for Paintball Field Operation¹

This standard is issued under the fixed designation F1777; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

INTRODUCTION

This practice sets forth procedures for operating a paintball playing field. The goal is to assist paintball field operators in running a safe business. Like any other physical activity, paintball presents a potential for injury. No procedural practice can prevent all injuries, especially when paintball players do not follow safety instructions. The ultimate responsibility for preventing injury lies with the paintball player. This practice, however, intends to promote safe paintball field operation through standardization of operating practice.

1. Scope

1.1 This practice establishes minimum safety requirements for the operation of paintball playing fields, and provides for certain materials and procedures required.

2. Referenced Documents

2.1 ASTM Standards:²

F1750 Specification for Paintball Marker Threaded-Propellant Source Interface

F1776 Specification for Eye Protective Devices for Paintball Sports

F1979 Specification for Paintballs Used in the Sport of Paintball

F2030 Specification for Paintball Cylinder Burst Disk Assemblies

F2184 Guide for Installation of Paintball Barrier Netting

F2271 Specification for Paintball Marker Barrel Blocking Devices

F2272 Specification for Paintball Markers

F2278 Test Method for Evaluating Paintball Barrier Netting

F2553 Specification for Warnings on Refillable CO₂ Cylinders Used In the Sport of Paintball

F2653 Specification for Paintball Valve Male Threaded Connection for Use with Approved Cylinders

F2773 Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

3.1.1 *bulk cylinder, n*—a gas storage vessel used to fill gas propellant vessels on paintball markers.

3.1.2 *discharge mode, n*—a mode that controls the number of paintballs discharged per trigger cycle.

3.1.3 *ear protection, n*—devices that cover the ear cavities and prevent direct entry of paintballs into the ear canals.

3.1.4 *filling apparatus, n*—equipment used to properly fill gas propellant vessels on paintball markers from bulk cylinders.

3.1.5 *game area, n*—an area in which paintball games are conducted and in which paintball goggles are required to be worn.

3.1.6 *goggles, n*—consist of eye protection devices that comply with Specification F1776 and have ear and face protection integrated into the design.

3.1.7 *goggles on area, n*—areas in which all persons are required to wear paintball goggles, such as and not limited to playing fields, game areas, chronograph areas, and target ranges.

3.1.8 *paintball, n*—the ammunition used to fire from a paintball marker that complies with Specification F1979.

3.1.9 *paintball air system, n*—the power source normally used by a paintball marker to propel a paintball.

¹ This practice is under the jurisdiction of ASTM Committee F08 on Sports Equipment and Facilities and is the direct responsibility of Subcommittee F08.24 on Paintball and Equipment.

Current edition approved March 1, 2012. Published March 2012. Originally approved in 1997. Last previous edition approved in 2002 as F1777-02. F1777-11. DOI: 10.1520/F1777-11.2.

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.