



Standard Practice for Air Soft Field Operation¹

This standard is issued under the fixed designation F2940; 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 an air soft playing field. The goal is to assist air soft field operators in running a safe business. Like any other physical activity, air soft presents a potential for injury. No procedural practice can prevent all injuries, especially when air soft players do not follow safety instructions. The ultimate responsibility for preventing injury lies with the air soft player. This practice, however, intends to promote safe air soft field operation through standardization of operating practice.

1. Scope

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

1.2 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*²

F2679 Specification for 6 mm Projectiles Used with Airsoft Guns

F2748 Specification for Airsoft Guns

F2879 Specification for Eye Protective Devices for Airsoft Sports

3. Terminology

3.1 *Definitions of Terms Specific to This Standard:*

3.1.1 *air soft projectile, n*—projectile complying with Specification F2679, which is fired from an air soft gun.

¹ This practice is under the jurisdiction of ASTM Committee F08 on Sports Equipment, Playing Surfaces, and Facilities and is the direct responsibility of Subcommittee F08.27 on Airsoft.

Current edition approved Dec. 1, 2021. Published January 2022. Originally approved in 2013. Last previous edition approved in 2017 as F2940 – 13 (2017). DOI: 10.1520/F2940-21.

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.

3.1.2 *air soft gun, n*—device specifically designed to discharge air soft projectiles such as but not limited to those described in Specification F2748.

3.1.3 *accidental discharge device, n*—device specifically designed to be installed on an air soft gun to prevent the accidental discharge of air soft projectiles.

3.1.4 *ear, nasal cavity and oral cavity protection, n*—device or devices that cover the ear, nasal cavities or oral cavities and prevent direct entry of air soft projectiles into these areas.

3.1.5 *firing mode, n*—operating mode at which a specific weapon can fire or launch its projectiles.

3.1.5.1 *Discussion*—Common modes include pump action, semi-auto, three round burst or full auto.

3.1.6 *game area, n*—area in which air soft games are conducted and in which eye protection suitable for air soft game play is required to be worn.

3.1.7 *goggles, n*—eye protection device suitable for use in air soft games and that meets the requirements of Specification F2879.

3.1.8 *goggles on area, n*—areas in which all persons are required to wear an eye protection device suitable for air soft games, such as and not limited to playing fields, game areas, chronograph areas, and target ranges.

3.1.9 *minimum engagement distance, n*—recommended minimum distance between the shooter and the target at which a shot may be fired.

3.1.9.1 *Discussion*—This distance is defined based on various factors in Table 1.

3.1.10 *player, n*—air soft game participant.

3.1.11 *playing fields, n*—

3.1.11.1 *indoor playing field, n*—indoor playing arena or area, where air soft games are conducted in which close range engagements are common.