



Designation: F 1592 – 95a01

Standard Test Methods for Detention Hollow Metal Vision Systems¹

This standard is issued under the fixed designation F 1592; 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.

1. Scope

1.1 These test methods cover fixed detention hollow metal vision systems of various materials and types of construction. These fixed hollow metal vision systems are used in wall openings in detention and correctional institutions designed to incarcerate inmates.

1.2 Frame assemblies investigated under these test methods include individual components including detention security hollow metal frames, frame anchoring, security glazing, panels, and removable glazing stops.

1.3 These test methods are designed to test the capability of a fixed detention hollow metal vision system to prevent, delay, and frustrate escape; to limit or control access to unauthorized or secured areas; and prevent passage of contraband.

1.4 These test methods apply primarily to detention hollow metal vision systems between secure areas generally found inside a detention/correctional facility such as: day rooms, control rooms, cells, and sally ports. ~~These test methods are applicable to vision systems other than hollow-metal may be tested in accordance with these test methods~~ metal, provided testing and reporting procedures are followed.

1.5 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.

1.6 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

E 452074 Test Methods for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies²

¹ These test methods are under the jurisdiction of ASTM Committee F-33 on Detention and Correctional Facilities and are the direct responsibility of Subcommittee F33.02 on Physical Barriers.

Current edition approved July 15, 1995; Dec. 10, 2001. Published September 1995; January 2002. Originally published as F 1592 – 95. Last previous edition F 1592 – 95.