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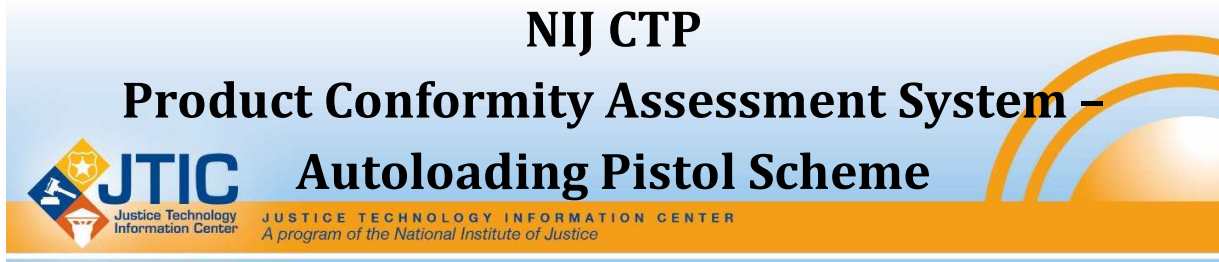


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Introduction

This product conformity assessment scheme forms a part of the National Institute of Justice Compliance Testing Program (NIJ CTP) Product Conformity Assessment System, which is similar to the product certification system described in ISO/IEC 17067.

The top level system document (NIJ CTP Product Conformity Assessment System – General Requirements) contains additional requirements that are applicable to this subordinate scheme.

The conformity assessment requirements contained in this scheme have precedence over those contained in NIJ Standard-0112.03 Rev. A.

Participation in this scheme requires the transfer of firearms between the applicant, the NIJ CTP and the test laboratory. Participants are expected to comply with all applicable federal, state and local laws.

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1 Scope

1.1 This scheme documents the NIJ CTP's specific conformity assessment requirements for autoloading pistols' compliance with the performance requirements contained in NIJ Standard-0112.03 Rev. A.

1.2 This scheme does not include requirements for shooting accuracy.

1.3 Only the following calibers are within the scope of this scheme:

- a) 9mm Luger;
- b) 357 SIG;
- c) 40 S&W;
- d) 45 ACP.

1.4 Double action or single action, hammer fire action or striker fire action are all within the scope of this scheme.

2 References

For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NIJ Standard-0112.03, Revision A. *Autoloading Pistols for Police Officers*.

3 Terms and Definitions

No additional terms are necessary for the application of this specific scheme.

4 Application

4.1 Applicants must provide the following with their autoloading pistol model application:

- a) scope of requested certification to include standard, caliber and action type;
- b) list of all key documents necessary for the construction of the autoloading pistol to include assembly drawings and bills of materials (list must include revision and date of each document);
- c) copies of top level documents or final assembly drawings from Item B (if needed, additional documents from Item B may be requested by the NIJ CTP);
- d) selected NIJ Approved Test Laboratory that will be used for testing;
- e) description of magazines supplied by the applicant to end users with the autoloading pistol, including
 - i) manufacturer;
 - ii) capacity;
 - iii) style, part number or other type of identification;
- f) sample of user information that includes
 - i) instructions for field disassembly/assembly and diagram(s) identifying all parts;

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- ii) cleaning instructions;
- iii) description of each safety feature designed into the pistol, how each safety feature is intended to function, and for those under shooter control, how the shooter should operate (activate/deactivate) each safety feature;
- iv) statement on ammunition known to be beyond the design limits of the pistol (e.g., +P ammunition in a pistol not designed to handle +P ammunition) and/or known not to function in the pistol;
- v) statement identifying how a parts list may be obtained.

Note: The NIJ CTP may require additional administrative forms or agreements to be completed before accepting the application.

5 Selection

5.1 The applicant is responsible for providing items for testing (test items) to the NIJ CTP. Autoloading pistol test items consist of two pistols representing the proposed design along with the same number and type of magazines supplied with the autoloading pistol to end users.

5.2 The NIJ CTP shall prepare a test plan for the applicant and test laboratory that meets the requirements of NIJ Standard 0112.03 Rev A and this scheme, and includes at least the following:

- a) NIJ CTP assigned identification number;
- b) standard;
- c) caliber;
- d) action type;
- e) number of test items; and
- f) special instructions (if any) for the test laboratory.

6 Determination

6.1 Pre-Test Inspections

Prior to testing, the NIJ CTP shall inspect the test items for suitability and the user information for compliance with requirements.

6.2 Resubmitting a Design

6.2.1 If the test items successfully complete all but one of the performance tests (one failure), the manufacturer may elect to resubmit that design to the NIJ CTP for retesting by taking the following steps:

- a) The manufacturer must include a written explanation with the sample submitted for retesting indicating why, in their opinion, the test item failed this portion of testing and what steps they have taken to correct the cause of failure.
- b) If the steps taken to correct the cause of failure do not constitute a change in design or construction that has the potential to affect the performance of the pistol as it relates to the required testing already completed, the model may be retested only for that portion of the test

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that it originally failed, with the exception of the Drop Function Test (Sec. 5.8) where the Drop Safety Test (Sec. 5.7) must also be performed.

c) Retesting must be done with the same type of magazine (manufacturer, capacity and P/N) used in earlier tests.

d) A design that fails retesting may not be tested again.

6.2.2 If the test items experience two or more test failures, the design has failed and shall not be accepted by the NIJ CTP for retesting.

6.3 Testing

6.3.1 The NIJ CTP shall provide the two pistols, magazines and the associated test plan to the NIJ Approved Test Laboratory selected by the applicant.

6.3.2 The test laboratory shall use the specifications provided in Appendix A of this document when performing the Barrel Bore Dimensions test (NIJ 0101.02 Rev A, Section 5.4.1).

6.3.3 All firing tests shall be performed with a shooter provided by the Applicant. If the Applicant elects not to provide a shooter, the Applicant will specify that either a qualified representative of the test laboratory will perform the tests or that mechanical rests will be used.

6.3.4 The test laboratory must supply a copy of the test report and return the test items to the NIJ CTP.

6.4 Test Report

6.4.1 Test laboratories shall report test results using the current NIJ CTP-provided test report. The completed test report shall reflect the test laboratory's accreditation status, include the NIJ CTP assigned identification number and be fully in compliance with both National Voluntary Laboratory Accreditation Program (NVLAP) and ISO/IEC 17025 requirements.

6.4.2 The test laboratory shall verify that all test items conform to the description recorded on the test report.

6.4.3 When test results from a previous test report are combined with new test results into a single test report, the final test report shall clearly identify which tests were transcribed and identify their origin.

6.5 NIJ CTP Post Test Inspection

6.3.1 The NIJ CTP shall inspect the test report for errors and return it to the test laboratory for correction if needed.

6.5.2 The NIJ CTP shall visually inspect all test items received from the test laboratory to verify consistency of construction, accuracy with both the applicant's and test laboratory's description of the construction and that no damage has occurred.

6.6 Compliance Recommendation

6.6.1 The NIJ CTP shall perform a final review of all materials supporting the NIJ CTP's compliance recommendation.

6.6.2 The results of the NIJ CTP's evaluation activities shall be documented in a compliance recommendation for NIJ's review that includes:

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- a) cover letter including the following information
 - i) applicant name;
 - ii) product type;
 - iii) model designation;
 - iv) NIJ CTP assigned identification number;
 - v) list of materials (documents) inspected by NIJ CTP that support the recommendation;
 - vi) list of documents included with cover letter;
 - vii) noteworthy information related to recommendation;
 - viii) signatures of two NIJ CTP staff members indicating agreement with the compliance recommendation;
- b) test report;
- c) applicant-supplied list of all key documents necessary for the construction of the autoloading pistol to include assembly drawings and bills of materials (list must include revision and date of each document);
- d) sample of user information.

6.6.3 The compliance recommendation shall be provided to NIJ to review and reference when making a certification decision.

7 Review and Certification Decision

7.1 An NIJ staff member shall carry out both the review and the certification decision.

7.2 The NIJ CTP shall communicate this decision to the Applicant using a compliance letter that includes the general information required by the NIJ CTP Product Conformity Assessment System, the pistol caliber and description of the magazines used for initial conformity assessment testing.

8 Surveillance

8.1 Compliant Product List

In addition to the general information required by the NIJ CTP Product Conformity Assessment System, the CPL for this scheme shall also include the product caliber.

8.2 Mark of Conformity

8.2.1 The NIJ Conformity Assessment Mark shall not be used in association with autoloading pistols.

8.2.2 Following a product model's certification by the NIJ CTP, and until that model is withdrawn from NIJ CTP Surveillance, the Applicant may apply the following phrase to the product packaging as an indication of a model's compliance status:

“(Applicant) certifies that this autoloading pistol, Model (*model designation*), was manufactured in compliance with both the National Institute of Justice Compliance Testing Program requirements and NIJ Standard-0112.03, Revision A.”

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8.3 Product Inspections

8.3.1 Every calendar year, Applicants shall verify to the satisfaction of the NIJ CTP that all models currently listed on the CPL continue to be manufactured using the same design as originally submitted to the NIJ CTP for certification.

8.3.2 The surveillance package submitted by the applicant shall contain the following:

- a) copy of the applicable notice of compliance;
- b) list of all current key documents necessary for the construction of the autoloading pistol to include assembly drawings and bills of materials (list must include revision and date of each document);
- c) if any changes have occurred to the autoloading pistol since last submitted, an explanation and reasoning for not repeating initial product testing.

9 Revision History

Revision 1.0, initial release.

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Table A – Bore Dimensions*

Caliber	Minimum Land Diameter (in)	Maximum Groove Diameter (in)	Minimum Bore & Groove Area (in ²)
9mm Luger	0.346	0.355	0.0967
357 SIG	0.346	0.355	0.0969
40 S&W	0.390	0.4005	0.1233
45 ACP	0.442	0.450	0.1570

Caliber	Minimum Land Diameter (mm)	Maximum Groove Diameter (mm)	Minimum Bore & Groove Area (mm ²)
9mm Luger	8.79	9.02	62.387
357 SIG	8.79	9.017	62.516
40 S&W	9.91	10.173	79.548
45 ACP	11.23	11.43	101.290

*Values duplicate values provided in ANSI/SAAMI Z299.3-2015.