

CONFIDENTIAL

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RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

3.1.3.3 TLW0010N – Weight of Barrel Assembly

The weight of the barrel assembly averaged 3.854 lb.. The 95% confidence interval is 3.847. lb. to 3.861 lb.. The barrel assembly is approximately 56% of the complete assembly. (See Section TLW0010N; B.2)

3.1.3.4 TLW0010O – Weight of Bolt assembly

The weight of the bolt assembly averaged 0.654. lb.. The 95% confidence interval is 0.654 lb. to 0.655 lb.. The bolt assembly is approximately 9.5% of the complete assembly. (See Section TLW0010O; B.2)

3.1.4 Lengths of Major Components**3.1.4.1 TLW0010P – Overall Length**

As with weights, some basic lengths are considered to be important parts of the product description. Of the lengths measured, overall length, barrel length and length of pull is generally listed in the catalog. (Ref. S.A.A.M.I. Technical Committee Manual, Vol. VII Centerfire Rifle, Section 7-40.01 and Section 7-40.02). Overall Length averaged 41.769 inches. The 95% confidence interval is 41.747 to 41.790 inches. (See Section TLW0010P; B.2)

3.1.4.2 TLW0010Q – Barrel Length

In addition to being listed in the catalog there is a legal requirement that must be met for barrel length. There is a minimum barrel length established by law of 18". (Ref. S.A.A.M.I. Technical Committee Manual, Vol. VII Centerfire Rifle, Section 7-40.01). The rifles in the test sample all measured 22". (See Section TLW0010Q; B.2)

3.1.4.3 TLW0010R – Length of Pull

Length of Pull is part of the product description and is listed in the catalog. Average Length of Pull was 13.248 inches with the 95% confidence interval of 13.241 to 13.255 inches. (See Section TLW0010R; B.2)

3.1.5 Gun Characteristics**3.1.5.1 TLW0010S – Balance Point**

The balance point (as measured from the muzzle) is determined for the primary purpose of setting up the required S.A.A.M.I. drop testing. (Ref. S.A.A.M.I. Technical Committee Manual, Vol. VII Centerfire Rifle, Section 7-95.02). For this Phase II sample the average location of the balance point was 21.9 inches from the muzzle. (See Section TLW0010S; B.2)

Jan.2001 Design Acceptance Test Remington M/710 Centerfire Rifle;
R & D Technical Center Project No. 241039; TLW 0100
file: F:\Test Reports\Firearms Tests\M710_DAT_REPORT_JAN01_Rev1.doc

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