

CONFIDENTIAL

Remington Arms Company Inc.
RESEARCH & DEVELOPMENT TECHNICAL CENTER
315 WEST RING ROAD
ELIZABETHTOWN, KY 42701

TLW 1012

- Pass the bill along the length of the barrel. The bill should pass freely from the tip of the fore end to the point close to where the barrel attaches to the receiver.

Data Required:

- Rifle serial numbers
- Results of each free-float check by rifle
- Testers' Names
- TLW Number

FUNCTION & ENDURANCE TESTING:**TLW1012X -Basic Jack Function Test (to 200 Rounds (approximately)):**

To get a picture of the product's functional capability, a 200 round per rifle jack function test will be conducted. All (29) rifles will be used for this test.

The test will be conducted in the test jacks with the "belly-protectors" in place and fully closed for each shot. All malfunctions and any unusual behavior will be noted on the data forms. The expected maximum average malfunction rate for new bolt-action rifles is 3% (see SAAMI Technical Committee Manual, Volume VI, Rifle Rifle, 6-60.01, issued 9-15-78). In no case should the average malfunction rate for this rifle type exceed 3%.

Up to six rifles from the sample of 29 (i.e. ~20% of the submitted sample) can be removed from the averaging process if they have excessive malfunction rates (i.e. more than 5% difference than the group average of the rifles that are within the 0%-3% malfunction rate limit) relative to the remaining group of 29 samples. These rifles will be investigated by engineering to determine the probable source of the problem and engineering will then provide written documentation for possible inclusion in the DAT report.

In addition to the 3% maximum average overall, the following limits (for the entire sample) are established: (see SAAMI Technical Committee Manual, Volume VI, Rifle Rifle, 6-60.01, issued 9-15-78).

Misfeed - all types	3%
Extractor - Ejection	1%

No major mechanical failures are allowed in the test sample. Major mechanical failures are defined as those failures that cannot easily be repaired with simple tools and/or readily available replacement parts. At the conclusion of this test the firearms will be carefully examined for signs of excessive wear, especially with respect to any of the plastic components that may be present, signs of damage or potential failure.

Method:

- Draw ammunition from stores
- The muzzle of each rifle will be inserted into the shooting port and the rifle placed securely in the test jack before the rifle is loaded.
- Close the bolt over the empty chamber.
- Choose the first ammunition type per the Ammunition Schedule.
- Load six (6) rounds into the magazine and insert the magazine into the rifle.
- Cycle the bolt to feed the 1st round into the chamber.
- Push the safe to the "F" or Fire position; be sure that the barrel is far enough within the porthole so that the muzzle will stay in the port when the rifle recoils. If there is any question, re-adjust the jack into a better position.
- With the lid on the belly protector closed, fire the first round in the chamber, listen for any off-sounds, and be alert for any other unusual behavior.
- Note any extraction or ejection problems.
- Continue to fire the remaining rounds in the magazine until the last round is fired.
- Push the Safety to "S" or Safe position. Note that the safety will be pushed to the fire position at the start of every six (6) round trial and will be pushed to the On Safe position at the end of every eight (6) round trial.

J.R. Snedeker

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Subject to Protective Order - Williams v. Remington