

CONFIDENTIAL

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

TLW 1012Data Required:

- Rifle serial numbers
- Headspace measurements per the schedule outlined above (see "Method.")
- Any notes and/or photographs made to document the visual examine
- TLW Number
- Testers' Names

TLW1012F -Measure Trigger Pull Forces:

Trigger pull (force required to manually operate the trigger) will be measured and recorded using the following procedure.

Method:

- Secure the action into the Dvorak Trigger Scan measuring device
- Take 3 readings and record the maximum trigger pull. Average the three readings. The trigger pull should be at 2.8 to 3.2 pounds.
- If the trigger pull does not fall in this range notify Engineering

Data Required:

- Rifle Serial numbers tested
- All three trigger pull force data points for each sample rifle
- The average of the three measurements for each sample rifle
- A force/distance curve from the Dvorak system (use the third trial) for each rifle tested.
- TLW Number
- Testers' Names

TLW1012G -Measure Bolt Lift / Bolt Closing Forces (for information):

The force required opening the bolt and closing the bolt will be measured for each sample. Both of these forces will be taken with the chamber empty and then repeated, this time with a new dummy round in the chamber. There is not a specification for these forces and the readings will be taken for information only.

Method:

- Lock the firearm in a horizontal position (i.e. shooting position) before taking the measurements.
- Locate the rifle in vise and/or other fixture and securely locking in place, (it may be necessary to clamp the fixture and/or holding device to the bench if not already securely fixed in place.)
- Check to be sure the rifle contains no live ammunition in either the chamber or in the magazine box.
- With the chamber empty and the bolt closed, use the Chatillon gauge (0-50 lb. range), locate the hook of the force gauge at the point on the bolt handle just behind the ball. Pull the gauge straight up and perpendicular to the bore, measure the force required to open the bolt.
- Take three readings for each gun in the sample.
- Record all readings.
- Repeat the above procedure only this time pull the gauge straight down and perpendicular to the bore, measure the force required to close the bolt. *Note that it may be necessary to start the bolt closed by hand.*
- Repeat the above procedures this time with a new, unused dummy round in the chamber.

Data Required:

- Rifle serial numbers used for this test.

J.R. Snedeker

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