

CONFIDENTIAL

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

TLW 1012

- Each of the three readings taken for each of the 4 states (i.e. opening force and closing force and with and without a dummy in the chamber) for each test sample.
- The average of each set of three measurements per each of the 4 states.
- TLW Number
- Testers' Names

TLW1012H -Measure Magazine Spring Force (for information only):

The force produced by the compression of the Magazine Spring in the box with the follower attached will be measured. These measurements will be taken for information only. There is no specification currently defined for this characteristic.

Method:

- Use the Chatillion TCD200 Spring Testing Machine with the Chatillion Digital Force Gauge (0-10 lb. range). Use the disc probe (1/4" dia. or less if necessary to clear the box lips) on the gauge.
- Place the magazine box, bottom side down, on the staging table. It may be necessary to gently clamp the box to hold it in an upright position.
- Zero the force gauge with no load applied.
- Lower the gauge until it just touches the magazine follower, approximately in the middle location both side-to-side and front to rear.
- Zero force gauge again if necessary.
- Lower the gauge 0.200" and take the spring force measurements.
- Lower the gauge another 1.0".
- Take the force measurement at this depressed location of the spring.
- Repeat procedure two additional trials for each box.
- Average the 3 trials for each box and at each measurement location.

Data Required:

- Force Measurements taken on each trial per box at each of the measurement locations.
- The Average Force measurement per box.
- The serial number of the Chatillion Digital Force Gauge used for the procedure.
- TLW Number
- Testers' Names

TLW1012I -Function Check of ISS:

To check the ISS System for proper function perform the four-step procedure that follows. If the system fails during any of the four steps stop the test for that gun and continue with the next sample. To be considered a proper functioning ISS system each sample must pass all four of the steps outlined below.

Method:

1. Make sure the chamber and magazine box are completely empty of live ammunition. *This test will involve the use of a primed case, use appropriate safety procedures. This test must be performed with the muzzle of the gun inserted into a shooting port or other approved device.*
 - With the bolt in the open position and safety "On", using the ISS key, lock the ISS System in the secure mode (White dot visible on the top -See Pictures) and then remove the key.
 - Load a primed case into the chamber by inserting with your hand.

J.R. Snedeker

Page 9 of 41

03/21/03

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