

Test Lab Work Request Form

Date Submitted: 10 March, 2000

Tracking #: TLW 0010C

Project #: 241095

Engineer: J.R.SNEDEKER

Test Objective:

TLW0010C – Re-Measure Headspace after Proof

All test samples will be re-measured for headspace after proof and before being tested in either the jack or shot from the shoulder. The chamber, bolt face & locking block/locking notch will be inspected for the presence of dirt or debris. If dirt or debris that could affect headspace measurement is present then these areas of the firearm will be thoroughly cleaned before using the gauges.

Test Description:

Method:

- The graduated headspace gauges based on Remington chamber dimensions (Ref.: Remington Gauge Drawing # 41560 ...A (min.), ...B (+.005), ...C (+.007), & ...D (+.009)) will again be used and the headspace measurements will be recorded to the nearest .001" increment as indicated by the gauge. The .30-06 Remington chamber drawing LB-153 will be used for chamber dimensions and LB-154 will be used for chamber drawings for the .270 caliber.
- The headspace measurement taken prior to the proof test should be less than min. + .005". If, after proof, the growth of the headspace is more than + .002" from the pre-proof condition, then stop and review the results with the test manager before continuing to the next phase of the test.
- In no case should the measurement for headspace after initial proof test be greater than min. +.007" for a new firearm.
- If at any time during the test program the headspace exceeds a maximum of Min. + .009" do not continue to fire the rifle, tag the gun with a label reading "Do Not Shoot This Firearm – Exceeds Maximum Allowable Headspace" and return the firearm to the Test Manager for disposition.

Data Required:

- Rifle serial number
- Record and note any headspace growth and round level.

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Resource Usage:**Manpower Requirements - 1 TECH.****Facility Requirements -****Test Results Required:****Formal Report: Data Only: X****REQUESTED Completion Date:****12 MARCH 2000****Required Materials/Parts/Equipment (include quantities):****Test Parts Availability Date: 12 MARCH 2000****Start Date: 3-16-00****Completion Date: 3-16-00****Report Date:***7/9***Test Assigned To: Jesse Arnold & Bob Lee****03/16/00**

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PHASE I

DATE - 3/16/00					
PROJECT# 241095					
TLW 0010A, TLW 0010B, TLW 0010C					
HEAD SPACE, 1 PROOF RD, HEAD SPACE					
		TLW0010A	TLW0010B	TLW0010C	
GUN#	SERIAL#	HEAD SPACE	PROOF RD.	HEAD SPACE	COMMENTS
A-1	XC1116	MIN	1	0.001	NO PROBLEMS NOTED
A-2	XC1117	MIN	1	MIN	NO PROBLEMS NOTED
A-3	XC1118	MIN	1	MIN	NO PROBLEMS NOTED
A-4	XC1119	MIN	1	MIN	NO PROBLEMS NOTED
A-5	XC1120	MIN	1	MIN	NO PROBLEMS NOTED
A-6	XC1121	MIN	1	MIN	NO PROBLEMS NOTED
A-7	XC1122	MIN	1	MIN	NO PROBLEMS NOTED
A-8	XC1123	MIN	1	0.001	NO PROBLEMS NOTED
A-9	XC1124	MIN	1	MIN	NO PROBLEMS NOTED
A-10	XC1125	MIN	1	MIN	NO PROBLEMS NOTED
A-11	XC1126	MIN	1	MIN	NO PROBLEMS NOTED
A-12	XC1127	MIN	1	0.002	NO PROBLEMS NOTED
A-13	XC1128	MIN	1	MIN	NO PROBLEMS NOTED
A-14	XC1129	MIN	1	MIN	NO PROBLEMS NOTED
A-15	XC1130	MIN	1	MIN	NO PROBLEMS NOTED
TLW0010A- INITIAL HEADSPACE MEASUREMENT TAKEN BY JESSE ARNOLD & BOB LEE					
TLW0010B- ACTUAL FIRING OF THE PROOF ROUND WAS PERFORMED BY JESSE ARNOLD & BOB LEE,					
INSPECTION OF THE ACTION & PROOF STAMPING PERFORMED BY PHILLIP REESOR					
TLW0010C- HEADSPACE MEASUREMENT TAKEN AFTER PROOF BY JESSE ARNOLD & BOB LEE					

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Williams v. Remington

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