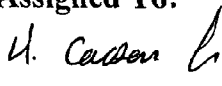


Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010N
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: TLW0010N - Weight of Barrel Assembly: <p>The barreled action, disassembled from the stock, will be weighed. Remove the bolt assembly from the barreled action. The test samples will be weighed on the Mettler Toledo digital balance (PB8000) located in the Metrology Lab. The rifle's barreled actions will be weighed once each.</p>	
Test Description: Method: <ul style="list-style-type: none"> • Tag the bolt so that it is labeled with the last four digits of its rifle's serial number. <u>This bolt assembly must be returned to its original rifle or the headspace may change.</u> 83 • Clean the platen of the digital balance, if necessary. • If the balance is not already on and has been turned on at least 30 minutes for warm-up, turn the balance on and wait 30 minutes for the balance circuitry to stabilize. • Run the balance calibration routine if necessary • Make sure the units are set to "lb." • Carefully place the barreled action on its left side with the barreled action's approximate front to rear balance point directly over the center of the balance platen. • When the scale settles down, record the weight in lb. to the nearest 0.1 lb. (Note that the scale has three decimal points displayed.) • Re-assemble the stock on its corresponding barreled action. 	
Data Required: <ul style="list-style-type: none"> • Rifle serial number • Weight to the nearest 0.1-lb. • Serial number of the Mettler PB8000 balance (it should be SN 2114475246) 	
Resource Usage: Manpower Requirements - Facility Requirements -	Test Results Required: Formal Report: Data Only: X REQUESTED Completion Date:
Required Materials/Parts/Equipment (include quantities):	
Test Parts Availability Date:	
Start Date: 12 Sept 2000 Completion Date: 12 Sept 2000 Report Date:	Test Assigned To: 

ET07017

Weight of Bolt Assembly - TLW00100
 Weight of Barrel Assembly - TLW0010N
 Weight of Stock - TLW0010M
 Overall Weight - TLW0010L

	Overall	Bolt	Barrel	Stock	Take Down Screws	
B1 -	6.916 *	.654	3.867	2.354	.042	1074
B2 -	6.881 *	.653	3.841	2.345	.042	1346
B3 -	6.891 *	.655	3.844	2.351	.042	1070
B4 -	6.893 *	.654	3.853	2.344	.042	1398
B5 -	6.899 *	.655	3.857	2.346	.042	1340
B6 -	6.905 *	.654	3.863	2.347	.042	1328
B7 -	6.897 *	.654	3.857	2.344	.042	1333
B8 -	6.874 *	.653	3.837	2.343	.042	1083
B9 -	6.889 *	.654	3.856	2.338	.042	1063
B10 -	6.900 *	.655	3.861	2.343	.042	1069

Magazine = .215 - Had only one magazine, others taken for testing.

*Overall weight does not include the magazine weight.

All measurements in Lbs.

ET07018