

## Test Lab Work Request Form

Rev.3 -20 April, 2000

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>Date Submitted:</b> 11/2/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Tracking # :</b> ELW 1644                                         |
| <b>Project # :</b> Mayfield Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Engineer:</b> Vince Norton                                        |
| <b>Test Objective:</b><br>Evaluate undersized Model 710 bolt body.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      |
| <b>Test Description:</b> <ol style="list-style-type: none"> <li>1. Pull three recent production Model 710 rifles from the gun library. Caliber does not matter.</li> <li>2. Measure the bolt body diameter in each rifle.</li> <li>3. Measure the firing pin head to sear engagement for each rifle.</li> <li>4. Measure the bolt body diameter on each of three new bolt bodies supplied by Mayfield.</li> <li>5. Replace the bolt body in each rifle with a new bolt body and measure the sear to firing pin head engagement.</li> <li>6. Perform a brief function test for each rifle by dry-firing the gun several times to make sure the gun feels and functions properly with the new bolt.</li> </ol> |                                                                      |
| <b>Resource Usage:</b><br>Manpower Requirements – 1 technician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Test Results Required:</b><br>Formal Report: No    Data Only: Yes |
| Facility Requirements – Metrology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Requested Completion Date: 11/2/04                                   |
| Required Materials/Parts/Equipment (include quantities):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |
| Test Parts Availability Date: Immediately                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                      |
| Start Date: 1 Nov 04<br>Completion Date: 2 Nov 04<br>Report Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Assigned To: Jody Carson<br><br>Assignment Date: 11/08/04       |

Completed as requested

Subject to Protective Order - Williams v. Remington

**BARBER 5.30.06R0000379****ETE00000378**