

# Test Lab Work Request Form

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| <b>Date Submitted:</b> 10 March, 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Tracking #:</b> TLW-0010K                                                                                    |
| <b>Project #:</b> 241095                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Engineer:</b> J.R.SNEDEKER                                                                                   |
| <b>Test Objective:</b><br><br><u>TLW0010K - Measure Lock Time:</u><br><br>Using the Remington method of measuring Lock Time, measure the lock time on the sample rifles provided. Do three trials on each sample rifle. Average the three trials. This data is for information only. The expectation is that lock time will be in the 3-msec. range. This test is scheduled for Phase I testing but may have to be postponed until Phase II if the metal stocks create a measurement problem.       |                                                                                                                 |
| <b>Test Description:</b><br><br><u>Method:</u> <ul style="list-style-type: none"><li>• Standard Remington Lock Time Measurement procedure. (Sear Safety Cam release to 1<sup>st</sup> firing pin contact with the primer.)</li><li>• Measure three lock times per sample rifle</li></ul> <u>Data Required:</u> <ul style="list-style-type: none"><li>• Rifle serial number</li><li>• Each lock time trial</li><li>• Average lock time per rifle</li><li>• Settings used on the equipment.</li></ul> |                                                                                                                 |
| <b>Resource Usage:</b><br><b>Manpower Requirements -</b><br><br><b>Facility Requirements -</b>                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Test Results Required:</b><br><b>Formal Report:</b> <b>Data Only: X</b><br><b>REQUESTED Completion Date:</b> |
| <b>Required Materials/Parts/Equipment (include quantities):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                 |
| <b>Test Parts Availability Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                 |
| <b>Start Date:</b> 3-21-00<br><b>Completion Date:</b> 3-21-00<br><b>Report Date:</b>                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Test Assigned To:</b> JESSE ARNOLD & BOB LEE 16 March, 2000                                                  |

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Worksheet size: 100000 cells

**Descriptive Statistics - Phase I - Lock Time in msec.**

| Variable | N  | Mean   | Median | TrMean | StDev  | SE Mean |
|----------|----|--------|--------|--------|--------|---------|
| lock tim | 10 | 2.8926 | 2.8967 | 2.8864 | 0.0969 | 0.0306  |

| Variable | Minimum | Maximum | Q1     | Q3     |
|----------|---------|---------|--------|--------|
| lock tim | 2.7423  | 3.0927  | 2.8241 | 2.9441 |

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