

# Test Lab Work Request Form

<b>Date Submitted:</b> 10 March, 2000	<b>Tracking #:</b> TLW 0010AI
<b>Project #:</b> 241095	<b>Engineer:</b> J.R.SNEDEKER
<b>Test Objective:</b> <u>TLW0010AI – Cold Function Test:</u>  This test evaluates the effect of extreme low temperatures on the functioning performance of the firearms. Shoot the firearm from inside the environmental test cabinet in the long range.	
<b>Test Description:</b> <u>Method:</u> <ul style="list-style-type: none"> <li>• Condition the firearm and 100 rounds of ammunition of climatic chamber for at least 6 hours at a temperature of -20 degrees F.</li> <li>• Test each firearm within the chamber as follows:</li> <li>• Fire 20 rounds of ammunition. Wait 2 hours and repeat until all 100 rounds have been fired.</li> <li>• Do not perform maintenance during the 100 round cycle.</li> <li>• Cycle the safety from fire to safe every 5 rounds.</li> <li>• After 100 rounds have been fired through the firearm, remove the firearm from the conditioning chamber, disassemble, thoroughly inspect, clean and lubricate.</li> </ul> <u>Data Required:</u> <ul style="list-style-type: none"> <li>• Record temperature and exposure times</li> <li>• Record all malfunctions</li> <li>• Record damage noted during inspection</li> <li>• Record all necessary maintenance actions performed</li> </ul>	
<b>Resource Usage:</b> Manpower Requirements -  Facility Requirements -	<b>Test Results Required:</b> Formal Report:            Data Only: X REQUESTED Completion Date:
<b>Required Materials/Parts/Equipment (include quantities):</b>	
<b>Test Parts Availability Date:</b>	
<b>Start Date:</b> 5-11-00 <b>Completion Date:</b> 5-11-00 <b>Report Date:</b>	<b>Test Assigned To:</b> JESSE ARNOLD & BOB LEE 16 MARCH 2000

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