

Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010AI
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: TLW0010AI – Cold Function Test: <p>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.</p>	
Test Description: Method: <ul style="list-style-type: none"> • Condition the firearm and 100 rounds of ammunition of climatic chamber for at least 6 hours at a temperature of -20 degrees F. • Test each firearm within the chamber as follows: • Fire 20 rounds of ammunition. Wait 2 hours and repeat until all 100 rounds have been fired. • Do not perform maintenance during the 100 round cycle. • Cycle the safety from fire to safe every 5 rounds. • After 100 rounds have been fired through the firearm, remove the firearm from the conditioning chamber, disassemble, thoroughly inspect, clean and lubricate. Data Required: <ul style="list-style-type: none"> • Record temperature and exposure times • Record all malfunctions • Record damage noted during inspection • Record all necessary maintenance actions performed 	
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: 5-11-00 Completion Date: 5-11-00 Report Date:	Test Assigned To: JESSE ARNOLD & BOB LEE 16 MARCH 2000

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