

Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010AI
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: <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.	
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

ET08163