

Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010AH
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: <u>TLW0010AH - Hot Function Test:</u>	
<p style="text-align: right; margin-right: 100px;">A - 11 XC1126</p> <p>This test evaluates the effect of extreme high temperatures on the functioning performance of firearms.</p>	
Test Description: <u>Method:</u> <ul style="list-style-type: none"> Condition test firearm and 100 rounds of ammunition of each caliber in a climatic chamber for at least 6 hours at a temperature of 120 degrees F. (or as close to 120 degrees F. as the equipment can be maintained.) Test each firearm within the chamber as follows: <ul style="list-style-type: none"> 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. The tester should wear gloves to protect his hands from the hot metal. After 100 rounds have been fired through each firearm, remove the firearms from the conditioning chamber, disassemble, thoroughly inspect, clean and lubricate. 	
<u>Data Required:</u> <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: 5-2-00 Completion Date: 5-2-00 Report Date: 119	Test Assigned To: JESSE ARNOLD & BOB LEE 16 MARCH 2000

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