

Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010AH
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: <i>A - 11 XC1126</i> TLW0010AH - Hot Function Test: <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: 174	Test Assigned To: JESSE ARNOLD & BOB LEE 16 MARCH 2000

ET08159