

# Test Lab Work Request Form

<b>Date Submitted:</b> 10 March, 2000	<b>Tracking #:</b> TLW 0010AW
<b>Project #:</b> 241095	<b>Engineer:</b> J.R.SNEDEKER
<b>Test Objective:</b> <b>TLW0010AW - Pierced Primer Test:</b>	
<p style="text-align: right;">A - 7 XC 1122</p> <p>For this test, a firing pin will be altered to have a "wedge-shaped" point. This type of firing pin point should produce a pierced primer when fired. The purpose of piercing the primer is to allow high-pressure gases to escape into the action and thereby determine the effect of high-pressure gases when dumped into the bolt, magazine box and receiver areas. All standard Remington high-pressure ammunition safety procedures will be used for this test. A standard round of .30-06 ammunition will be used.</p> <p>After firing the rifle will be examined for damage. Photographs of damaged components will be taken and kept for record. The rifle will be tagged and saved for possible future review.</p>	
<b>Test Description:</b> <u>Method:</u> <ul style="list-style-type: none"> <li>• Position firearm in test jack located in the "Blow-up" room with the muzzle through the port.</li> <li>• Set witness paper at the rear of the action perpendicular to the bore.</li> <li>• Locate witness paper at the approximate location expected for the shooter's face.</li> <li>• Set up the High Speed Video to tape the firing test.</li> <li>• Fasten a lanyard around the stock and run through the trigger guard in front of the trigger.</li> <li>• Load a standard factory .30-06 round into the chamber, and carefully close the bolt.</li> <li>• All personnel are to leave the room.</li> <li>• When ready to conduct the test start the high speed video and pull the lanyard.</li> <li>• Carefully examine the scene looking for any broken or missing parts, holes in the witness paper etc.</li> </ul> <u>Data Required:</u> <ul style="list-style-type: none"> <li>• Rifle serial number.</li> <li>• The condition of the witness paper.</li> <li>• Notes of any broken or missing parts.</li> <li>• Photographs of broken or missing parts.</li> </ul>	
<b>Resource Usage:</b> <b>Manpower Requirements -</b>	<b>Test Results Required:</b> <b>Formal Report:</b> <b>Data Only: X</b> <b>REQUESTED Completion Date:</b>

ET08197

Facility Requirements -

Required Materials/Parts/Equipment (include quantities):

Test Parts Availability Date:

Start Date: 5-19-00

Completion Date: 5-19-00

Report Date:

Test Assigned To: JESSE ARNOLD &  
BOB LEE 16 MARCH 2000

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PROJECT# 241095  
TLW 0010AW PIERCED PRIMER TEST  
DATE - 5-19-00  
GUN SERIAL#  
A-7 XC1122

TEST CONDUCTED IN THE BLOW UP ROOM.  
CONDITION OF WITNESS PAPER - NO VISIBLE MARKS.  
VIDEO TAKEN  
PICTURES TAKEN.

TLW 0010AX HIGH PRESSURE TEST.  
DATE - 5-19-00  
GUN SERIAL#  
A-8 XC1123

TEST CONDUCTED IN THE BLOW UP ROOM.  
CONDITION OF WITNESS PAPER - NO VISIBLE MARKS.  
VIDEO TAKEN  
PICTURES TAKEN.

TLW 0010AY OBSTRUCTED BORE TEST.  
DATE - 5-19-00  
GUN SERIAL#  
A-9 XC1124

TEST CONDUCTED IN THE BLOW UP ROOM.  
CONDITION OF WITNESS PAPER - NO VISIBLE MARKS.  
VIDEO TAKEN  
PICTURES TAKEN.

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