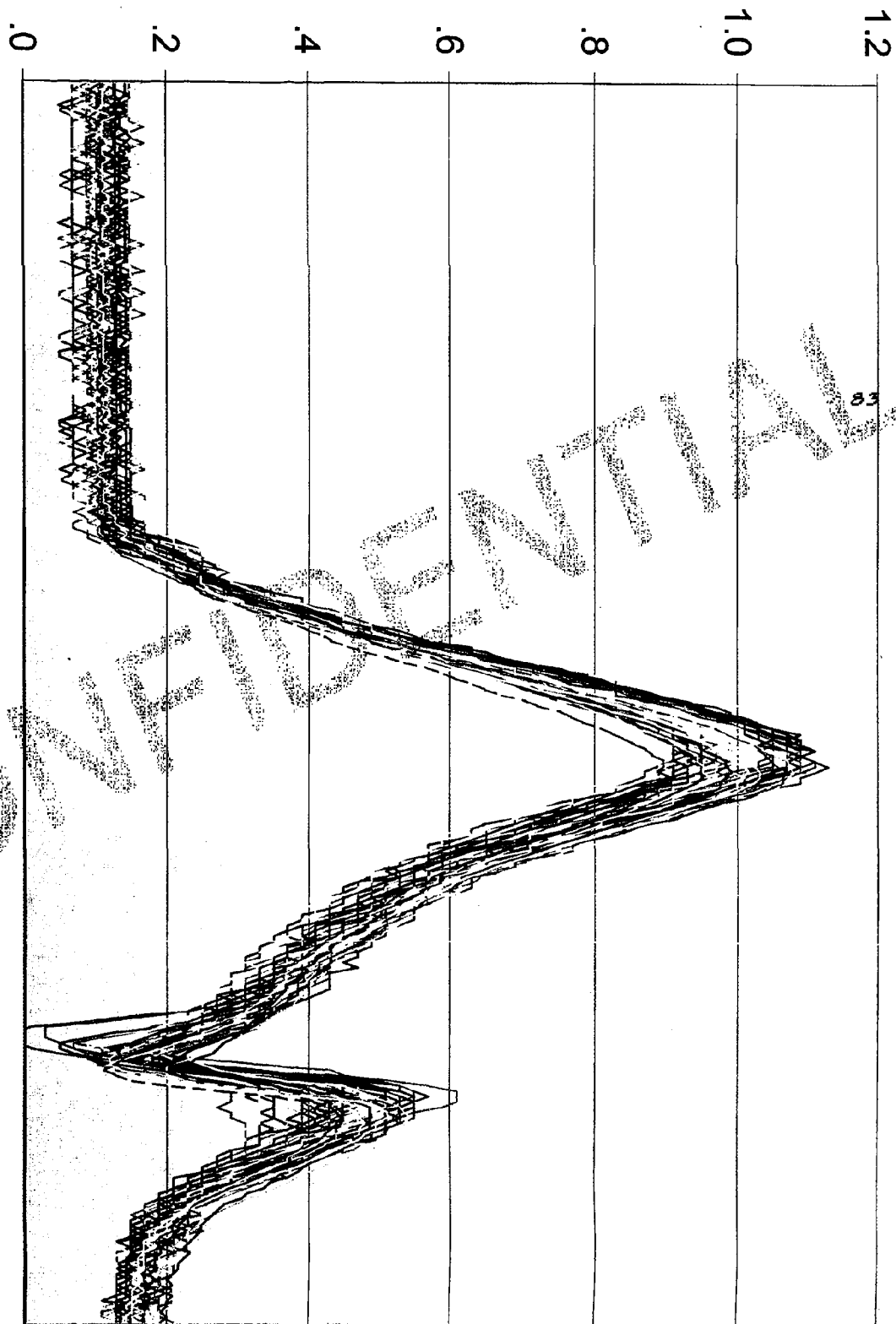


Test Lab Work Request Form

Date Submitted: 13 May 2003	Tracking #: Tlr 1216	STRAIN																																																																																																																			
Project #: 241314	Engineer: Franz																																																																																																																				
Test Objective: 300 Win Mag, verify M/710 Mag barrels will change or not when subjected to repetitive proof rounds. References: Tlr 896 // 904// 1172																																																																																																																					
Test Description: ➤ Gun: ○ 300WM, M/710 Mag barrels, two each (SN: 71126327 & 71125368). ○ Record headspace for each gun, pre and post shooting. ○ Measure barrel outside diameter at gage locations, pre & post shooting. ➤ Gages: ○ Two tangential gages on each barrel at the locations shown, from the edge of the receiver. ○ Use gages EA-06-125BT-120. Record Gage Factor for the lot of gages used <u>2.100+-5%</u>. ○ Record pre & post gage resistance in ohms. 1.469 in. .584 in. 33 Front edge of Receiver → ➤ Shooting: ○ <u>Do not rebalance once started:</u> ○ Record first 20 shots: ▪ Calibration, pre & post. 1v = 1,000 ue ▪ Standard level, pre & post. ▪ Each shot fired, O Scope ▪ Multimeter voltage level readings, both gages, both guns. ▪ Headspacing per every shot, after 20 every 10 shots, both guns. ○ Shoot 100 rds each gun.																																																																																																																					
Required Materials/Parts/Equipment (include quantities): 300 Win. Mag. SN: 71126327 & 71125368 // proof rounds // strain gage equipment // Blow up room																																																																																																																					
Start Date: 22 July 03	To: Gary L. Howell																																																																																																																				
Completion Date: 24 July 03	Assigned: 21 May 03																																																																																																																				
Report Date: 25 July 03	Received: Not																																																																																																																				
Results: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Guns:</th> <th colspan="3">Gage 1 Hoop</th> <th colspan="3">Gage 2 Hoop</th> <th rowspan="2">Pre:</th> <th rowspan="2">Post:</th> </tr> <tr> <th>Max-Avg</th> <th>Max</th> <th>M-Meter Max</th> <th>Max-Avg</th> <th>Max</th> <th>M-Meter Max</th> </tr> </thead> <tbody> <tr> <td>SN: 71126327</td> <td>1.09</td> <td>1.15</td> <td>1.38</td> <td>.922</td> <td>.990</td> <td>.125</td> <td>Gage 1 327</td> <td>119.8</td> <td>119.7</td> </tr> <tr> <td>SN: 71125368</td> <td>1.08</td> <td>1.15</td> <td>.142</td> <td>.960</td> <td>1.01</td> <td>.118</td> <td>Gage 2 327</td> <td>119.7</td> <td>119.6</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 1 368</td> <td>119.7</td> <td>119.8</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 2 368</td> <td>119.9</td> <td>119.9</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 1 OD 327</td> <td>1.225</td> <td>1.226</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 2 OD 327</td> <td>1.215</td> <td>1.216</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 1 OD 368</td> <td>1.223</td> <td>1.225</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Gage 2 OD 368</td> <td>1.215</td> <td>1.214</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Headspace 327</td> <td>.004</td> <td>.008</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Headspace 368</td> <td>.000</td> <td>.004</td> </tr> </tbody> </table>			Guns:	Gage 1 Hoop			Gage 2 Hoop			Pre:	Post:	Max-Avg	Max	M-Meter Max	Max-Avg	Max	M-Meter Max	SN: 71126327	1.09	1.15	1.38	.922	.990	.125	Gage 1 327	119.8	119.7	SN: 71125368	1.08	1.15	.142	.960	1.01	.118	Gage 2 327	119.7	119.6								Gage 1 368	119.7	119.8								Gage 2 368	119.9	119.9								Gage 1 OD 327	1.225	1.226								Gage 2 OD 327	1.215	1.216								Gage 1 OD 368	1.223	1.225								Gage 2 OD 368	1.215	1.214								Headspace 327	.004	.008								Headspace 368	.000	.004
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