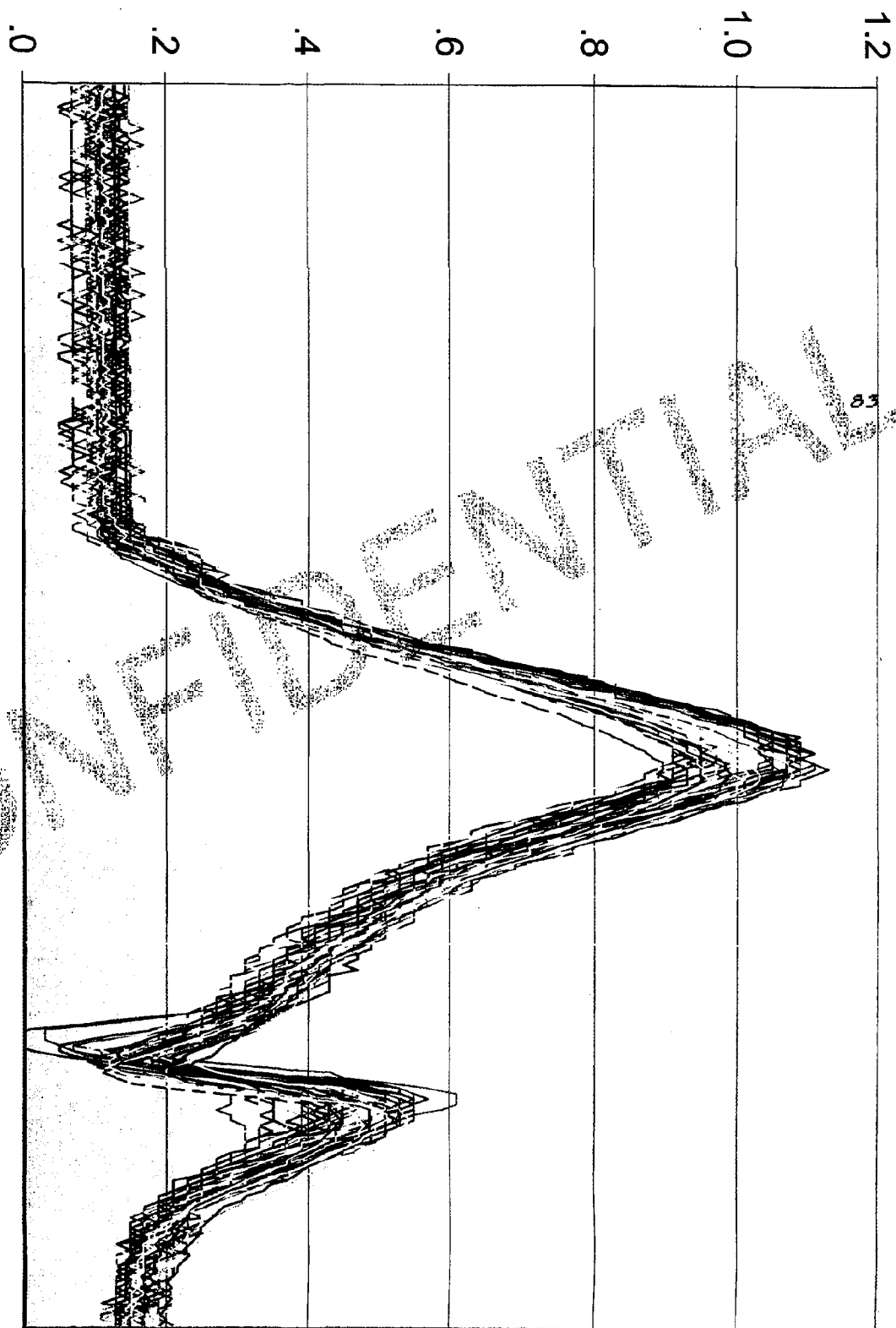


Test Lab Work Request Form

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:									
<p>> Gun:</p> <ul style="list-style-type: none"> o 300WM, M/710 Mag barrels, two each (SN: 71126327 & 71125368). o Record headspace for each gun, pre and post shooting. o Measure barrel outside diameter at gage locations, pre & post shooting. <p>> Gages:</p> <ul style="list-style-type: none"> o Two tangential gages on each barrel at the locations shown, from the edge of the receiver o Use gages EA-06-125BT-120. Record Gage Factor for the lot of gages used <u>2.100+-5%</u>. o Record pre & post gage resistance in ohms. <div style="text-align: center;"> <p>1.469 in. .584 in. 83</p> <p>1 2</p> <p>Front edge of Receiver →</p> </div> <p>> Shooting:</p> <ul style="list-style-type: none"> o <u>Do not rebalance once started.</u> o Record first 20 shots: <ul style="list-style-type: none"> ▪ 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. o 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:									
	Gage 1 Hoop			Gage 2 Hoop				Pre:	Post:
Guns:	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
Avg. of 20 rds.	All in volts			1v = 1000ue					

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ET28271

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Williams v. Remington