

Test Lab Work Request Form

Date Submitted: 10 March, 2000	Tracking #: TLW 0010AG
Project #: 241095	Engineer: J.R.SNEDEKER
Test Objective: <u>TLW0010AG - Group Size at 100 yards</u> One hundred-yard accuracy testing will be completed utilizing standard factory ammunition. The test will consist of five, 5-shot groups. Guns will be cooled after every other group. Each firearm will be cleaned with five fouling shots prior to beginning the accuracy work-up. Group sizes will be measured from actual targets and recorded. Use the same code of ammunition and same type of ammunition will be used for all group size test shots. Average group sizes must be $\leq 3"$ at 100 yards.	
Test Description: 83 <u>Method:</u> - Certify the ammunition selected for muzzle velocity and pressure. - Fire five, 5-shot groups at 100 yards, using a 36 power scope for each ammunition type selected. Prior to beginning of the test, clean the bore and shoot 5 "fouling" shots to seat in the rifle. - Cycle the safety from fire to safe every 5 rounds. - Accuracy should be shot from a recoiling rest. Shoulder shooting is acceptable but not the preferred way. <u>Data Required:</u> - Measure group sizes center to center - Record takedown screw torque - Record make and identifier of scope - Record ammunition type used. - Record ammunition lot numbers used during the test - Record and label any fail-to-fire ammunition. - Record any malfunctions that occur during the test.	
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: 3-22-00 Completion Date: 3-27-06 Report Date: 179	Test Assigned To:

ET08155

SHOOTER - JESSE
 SHOT FROM BENCH
 SCOPE- LEUPOLD 36 POWER
 DATE- 3-22-00 TO 3-27-00

MODEL 710 BOLT ACTION RIFLE D.A.T.
 100 YARD ACCURACY

PROJECT 1095
 TLR 0010AG

BARBER - 5.22.06r0002325

MODEL 710 D.A.T. ACCURACY EVALUATION								
		TLW 0010AG						
		DATE - 3-22-00 TO 3-27-00						
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-2	XC 1116	REM R30062 150GR	0.784	1.318	2.024	1.38	1.867	1.4746
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.126	1.523	1.622	1.324	1.714	1.4618
		LOT# C03SC1326						
			AVERAGE BOTH AMMO TYPES -					1.4682
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-2	XC1117	REM R30062 150GR	1.465	1.239	1.048	0.886	1.558	1.2392
		LOT# C12UC9113						
30.06		REM R30064 180GR	0.96	1.639	1.286	1.197	1.356	1.2876
		LOT# C03SC1326						
			AVERAGE BOTH AMMO TYPES -					1.2634
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-3	XC1118	REM R30062 150GR	1.966	1.075	1.412	1.941	1.445	1.5678
		LOT# C12UC9113						
30.06		REM R30064 180GR	0.901	0.832	0.893	1.516	1.386	1.1156
		LOT# C03SC1326						
			AVERAGE BOTH AMMO TYPES -					1.3417
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-4	XC1119	REM R30062 150GR	1.823	1.324	1.817	1.495	1.819	1.6556
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.05	1.488	0.819	1.545	1.117	1.2038
		LOT# C03SC1326						
			AVERAGE BOTH AMMO TYPES -					1.4297
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-5	XC1120	REM R30062 150GR	1.204	1.406	1.692	1.212	2.175	1.5378
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.696	0.876	1.001	1.534	0.937	1.2088
		LOT# C03SC1326						
			AVERAGE BOTH AMMO TYPES -					1.3733
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-6	XC1121	REM R30062 150GR	0.688	1.77	2.022	1.809	0.831	1.424
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.318	1.032	1.87	1.044	1.737	1.4002

Confidential - SHARPER - 5.22.06r0002325 Order Williams v. Remington

ET08156

SHOOTER - JESSE
 SHOT FROM BENCH
 SCOPE- LEUPOLD 36 POWER
 DATE- 3-22-00 TO 3-27-00

MODEL 710 BOLT ACTION RIFLE D.A.T.
 100 YARD ACCURACY

PROJECT 41095
 TLR-0010AG

BARBER - 5.22.06r0002326

		LOT# C03SC1326			AVERAGE BOTH AMMO TYPES -			1.4121
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-7	XC1122	REM R30062 150GR	2.313	1.768	1.913	1.651	1.135	1.756
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.177	1.105	1.032	1.201	0.644	1.0318
		LOT# C03SC1326			AVERAGE BOTH AMMO TYPES -			1.3939
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-8	XC1123	REM R30062 150GR	1.124	1.434	2.11	1.576	1.548	1.5584
		LOT# C12UC9113						
30.06		REM R30064 180GR	0.781	1.249	1.85	0.856	1.954	1.338
		LOT# C03SC1326			AVERAGE BOTH AMMO TYPES -			1.4482
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-9	XC1124	REM R30062 150GR	1.396	1.139	1.374	2.064	1.646	1.5238
		LOT# C12UC9113						
30.06		REM R30064 180GR	1.497	1.096	1.097	2.106	1.356	1.4304
		LOT# C03SC1326			AVERAGE BOTH AMMO TYPES -			1.4771
GUN	SERIAL#	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
A-10	XC1125	REM R30062 150GR	2.298	2.249	2.071	1.47	0.988	1.8152
		LOT# C12UC9113						
30.06		REM R30064 180GR	0.971	0.994	1.205	1.345	1.116	1.1262
		LOT# C03SC1326			AVERAGE BOTH AMMO TYPES -			1.4707
AVERAGE GROUP SIZE ALL GUNS R30062 150GR -			1.555					
AVERAGE GROUP SIZE ALL GUNS R30064 180GR -			1.258					
THOROUGHLY CLEANED GUNS BEFORE SHOOTING GROUPS AND BETWEEN AMMO TYPES.								
TAKEDOWN SCREWS TORQUED TO 65 INCH LBS PRIOR TO SHOOTING GROUPS.								
FIRED FIVE FOULING SHOTS PRIOR TO SHOOTING GROUPS.								
COOLED GUN EVERY OTHER FIVE SHOT GROUP.								

Confidential - Subject - 52206r0002326 Order Williams v. Remington

ET08157