

PROJECT# 241095		MODEL 710 D.A.T. 2					
TLW 0010AG							
ACCURACY							
DATE - 9-14-06							
SHOOTER - JESSE							
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-11	REM R30062 150GR	2.48	2.09	2.31	1.93	1.42	2.046
	REM R30064 180GR	1.39	1.05	1.8	2.52	1.82	1.716
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-12	REM R30062 150GR	1.51	1.7	1.6	1.5	1.77	1.616
	REM R30064 180GR	0.88	1.54	1.33	1.39	0.55	1.138
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-13	REM R30062 150GR	1.36	2.26	1.88	1.97	1.6	1.814
	REM R30064 180GR	1.49	2.07	1.65	1.27	0.69	1.434
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-14	REM R30062 150GR	2.9	2.11	2.24	1.79	2.9	2.388
	REM R30064 180GR	0.81	2.2	1.31	1.68	1.84	1.568
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-15	REM R30062 150GR	1.85	2.84	1.6	2.26	2.64	2.238
	REM R30064 180GR	1.92	2.16	1.54	1.38	0.89	1.578
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-16	REM R30062 150GR	1.85	2.87	2.85	1.62	1.85	2.208
	REM R30064 180GR	1.38	1.12	1.27	0.68	1.18	1.126
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-17	REM R30062 150GR	2.08	3.05	2.66	1.19	2.145	2.225
	REM R30064 180GR	0.79	1.14	0.91	1.03	1.5	1.074
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-18	REM R30062 150GR	2.49	3.06	2.65	2.49	2.71	2.68

	REM R30064 180GR	1.21	1.69	1.64	1.59	1.49	1.524
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-19	REM R30062 150GR	1.6	1	2.98	2.3	1.9	1.956
	REM R30064 180GR	1.65	0.9	1.37	1.82	0.81	1.31
GUN	AMMO	GROUP# 1	GROUP# 2	GROUP# 3	GROUP# 4	GROUP# 5	AVERAGE
B-20	REM R30062 150GR	2.53	2.52	2.8	2.49	1.65	2.398
	REM R30064 180GR	1.32	1.09	1.46	0.79	1.48	1.228

PROJECT# 241095		D.A.T. 2	
TLW 0010Z			
MAGAZINE CAPACITY TEST			
DATE -			
GUN	SERIAL#	MAG BOX	
B-1			
B-2			
B-3			
B-4			
B-5			
B-6			
B-7			
B-8			
B-9			
B-10			
COMMENTS			

PROJECT# 241095									
TLW 0010AA									
BASIC JACK FUNCTION TEST									
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-11	REM R30065 180GR	20	1						1
	REM R30067 220GR	20							1
	REM UMC L30062 150GR	20							2
	REM PRT3006B 165GR	20							1
	REM R30063 150GR	20							
	TOTAL	100	1	0		0	0		5
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-12	REM R30065 180GR	20							
	REM R30067 220GR	20							2
	REM UMC L30062 150GR	20							
	REM PRT3006B 165GR	20							
	REM R30063 150GR	20							1
	TOTAL	100	0	0		0	0		3
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-13	REM R30065 180GR	10							
	REM R30067 220GR	10							1
	REM UMC L30062 150GR	10							
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		1
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-14	REM R30065 180GR	10							
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10	NO MALFUNCTIONS						
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT

B-15	REM R30065 180GR	10							
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10	NO MALFUNCTIONS						
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-16	REM R30065 180GR	10							
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10	NO MALFUNCTIONS						
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-17	REM R30065 180GR	10							1
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10							
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		1
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-18	REM R30065 180GR	10							
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10	NO MALFUNCTIONS						
	REM PRT3006B 165GR	10							
	REM R30063 150GR	10							
	TOTAL	50	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-19	REM R30065 180GR	10							
	REM R30067 220GR	10							
	REM UMC L30062 150GR	10	NO MALFUNCTIONS						

	REM PRT3006B 165GR	10								
	REM R30063 150GR	10								
	TOTAL	50	0	0		0	0		0	
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE	BOLT CAME OUT
B-20	REM R30065 180GR	10								
	REM R30067 220GR	10								
	REM UMC L30062 150GR	10	NO MALFUNCTIONS							
	REM PRT3006B 165GR	10								
	REM R30063 150GR	10								
	TOTAL	50	0	0		0	0		0	

PROJECT# 241095									
TLW 0010AA									
BASIC JACK FUNCTION TEST									
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-11	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40				7			
	REM PRT3006B 165GR	40				7			
	REM R30063 150GR	40				1			
	TOTAL	200	0	0		15	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-12	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40							
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40				3			
	TOTAL	200	0	0		3	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-13	REM R30065 180GR	40		1					
	REM R30067 220GR	40		1					
	REM UMC L30062 150GR	40							
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40				4			
	TOTAL	200	0	2		4	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-14	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40	NO MALFUNCTIONS						
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40							
	TOTAL	200	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT

B-15	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40	NO MALFUNCTIONS						
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40							
	TOTAL	200	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-16	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40							
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40	1						
	TOTAL	200	1	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-17	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40	NO MALFUNCTIONS						
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40							
	TOTAL	200	0	0		0	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-18	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40							
	REM PRT3006B 165GR	40							
	REM R30063 150GR	40				1			
	TOTAL	200	0	0		1	0		0
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
B-19	REM R30065 180GR	40							
	REM R30067 220GR	40							
	REM UMC L30062 150GR	40	NO MALFUNCTIONS						

	REM PRT3006B 165GR	40								
	REM R30063 150GR	40								
	TOTAL	200	0	0		0	0		0	
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE	BOLT CAME OUT
B-20	REM R30065 180GR	40								
	REM R30067 220GR	40								
	REM UMC L30062 150GR	40								
	REM PRT3006B 165GR	40								
	REM R30063 150GR	40				1				
	TOTAL	200	0	0		1	0		0	

PROJECT# 241095									
TLW 0010AC									
FUNCTION AND ENDURANCE 1000 ROUNDS									
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE BOLT CAME OUT
B-11	REM 27828 180GR	100							2
	REM 27830 220GR	100	1						
	REM UMC 23699 150GR	100					1		
	REM 29178 165GR	100							1
	FED 3006B 180GR	100	1						
	FED P3006Q 165GR	100					1		1
	FED P3006G 150GR	100							
	WIN SHV30064 180GR	100							1
	WIN SBST3006A 168GR	100							
	WIN S3006XB 150GR	100		1					1
	TOTAL	1000	2	1			2		6
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE BOLT CAME OUT
B-12	REM 27828 180GR	100	1					2	
	REM 27830 220GR	100							
	REM UMC 23699 150GR	100	2						
	REM 29178 165GR	100	1						
	FED 3006B 180GR	100							
	FED P3006Q 165GR	100	2					1	
	FED P3006G 150GR	100							
	WIN SHV30064 180GR	100							
	WIN SBST3006A 168GR	100				1			
	WIN S3006XB 150GR	100							
	TOTAL	1000	6			1	3		
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE BOLT CAME OUT
B-13	REM 27828 180GR	100						2	



				1		1	
							2
	2						
	2		1		3		3
OS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT
					2		
	1				1		
	1	1					
	2	1			3		
OFF AFTER 1000 RD ENDURANCE WHILE TAKING HEAD SPACE							
OS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX	MISFIRE	BOLT CAME OUT

ETI00002896

	REM 29178 165GR	100								
	FED 3006B 180GR	100								
	FED P3006Q 165GR	100					1			
	FED P3006G 150GR	100								
	WIN SHV30064 180GR	100								
	WIN SBST3006A 168GR	100	2							
	WIN S3006XB 150GR	100	1							
	TOTAL	1000	6	0			3			
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE	BOLT CAME OUT
B-16	REM 27828 180GR	100	3					3		
	REM 27830 220GR	100	2							
	REM UMC 23699 150GR	100	1							
	REM 29178 165GR	100	2					2		
	FED 3006B 180GR	100						1		
	FED P3006Q 165GR	100						4		
	FED P3006G 150GR	100								
	WIN SHV30064 180GR	100								
	WIN SBST3006A 168GR	100				1		3		
	WIN S3006XB 150GR	100				3				
	TOTAL	1000	8	0				13		
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN	MAG BOX	MISFIRE	BOLT CAME OUT
B-17	REM 27828 180GR	100						1		
	REM 27830 220GR	100						1		
	REM UMC 23699 150GR	100	1					1		
	REM 29178 165GR	100								
	FED 3006B 180GR	100								



2	0			11	
DS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW STRAIGHTEN MAG BOX	MISFIRE BOLT CAME OUT
			4	1	
			4	1	
			1		
			1		
0	0			11	
DS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW STRAIGHTEN MAG BOX	MISFIRE BOLT CAME OUT
				3	
1					
1					
3				1	

EFE00002898

	WIN SHV30064 180GR	100				2	
	WIN SBST3006A 168GR	100					
	WIN S3006XB 150GR	100				1	
	TOTAL	1000	20	0		11	
GUN	AMMO	ROUNDS	F.T.E.	B.O.R.	STEM HIGH	STEM LOW	STRAIGHTEN MAG BOX MISFIRE BOLT CAME OUT
B-20	REM 27828 180GR	100				3	
	REM 27830 220GR	100					
	REM UMC 23699 150GR	100					
	REM 29178 165GR	100				1	
	FED 3006B 180GR	100	1			1	
	FED P3006Q 165GR	100				4	
	FED P3006G 150GR	100				1	
	WIN SHV30064 180GR	100					
	WIN SBST3006A 168GR	100				2	
	WIN S3006XB 150GR	100			1		
	TOTAL	1000	1	0		12	

PROJECT# 241095
TLW 0010AF
POINT OF IMPACT
DATE - 9-13-00

GUN	AMMO	ZERO'ED
B-11	REM R30062 150GR REM R30067 220GR	SIGHT SET AT 2 CLICKS FROM THE REAR. NO WINDAGE NEEDED NO ADJUSTMENT NEEDED
B-12	REM R30062 150GR REM R30067 220GR	SIGHT SET ALL THE WAY TO THE REAR. COULD NOT ZERO SIGHT SET ALL THE WAY TO THE REAR. COULD NOT ZERO
B-13	REM R30062 150GR REM R30067 220GR	SIGHT SET ALL THE WAY TO THE REAR. GUN ZERO'ED NO ADJUSTMENT NEEDED
B-14	REM R30062 150GR REM R30067 220GR	SIGHT SET ALL THE WAY TO THE REAR. WINDAGE 1/16" RIGHT NO ADJUSTMENT NEEDED

PROJECT# 241095			D.A.T. 2		
TLW 0010Y					
TWIST RATE					
DATE -					
GUN	SERIAL#	10 15/16" TWIST AND TRAVEL OF CLEANING ROD THRU BORE.			
B-1					
B-2					
B-3					
B-4					
B-5					
B-6					
B-7					
B-8					
B-9					
B-10					

PROJECT# 241095			D.A.T. 2
TLW 0010X			
GROVE DIAMETER			
DATE -			
GUN	SERIAL#	DIAMETER	
B-1			
B-2			
B-3			
B-4			
B-5			
B-6			
B-7			
B-8			
B-9			
B-10			

PROJECT# 241095			D.A.T. 2
TLW 0010W			
BORE DIAMETER			
DATE -			
GUN	SERIAL#	DIAMETER	
B-1			
B-2			
B-3			
B-4			
B-5			
B-6			
B-7			
B-8			
B-9			
B-10			

PROJECT# 241895	D.A.T. 2
TLW 0010V	
CHAMBER CAST	
DATE -	
GUN SERIAL# A= 4708/ 4728 B= 4425/ 4440 C=34DEG 30" ANGLE D= 3404/ 3424 E= 3095/ 3105	
B-1	
B-2	
B-3	
B-4	
B-5	
B-6	
B-7	
B-8	
B-9	
B-10	

Subject to Protective Order - Williams v. Remington

ETE00002904

PROJECT# 241095		D.A.T. 2		
TLW 0010F				
TRIGGER PULL FORCES				
DATE -				
GUN#	SERIAL#	1	2	3
B-1				#DIV/0!
B-2				#DIV/0!
B-3				#DIV/0!
B-4				#DIV/0!
B-5				#DIV/0!
B-6				#DIV/0!
B-7				#DIV/0!
B-8				#DIV/0!
B-9				#DIV/0!
B-10				#DIV/0!
B-11				#DIV/0!
B-12				#DIV/0!
B-13				#DIV/0!
B-14				#DIV/0!
B-15				#DIV/0!
B-16				#DIV/0!
B-17				#DIV/0!
B-18				#DIV/0!
B-19				#DIV/0!
B-20				#DIV/0!
B-21				#DIV/0!
B-22				#DIV/0!
B-23				#DIV/0!
B-24				#DIV/0!
B-25				#DIV/0!
B-26				#DIV/0!
B-27				#DIV/0!
B-28				#DIV/0!
B-29				#DIV/0!
B-30				#DIV/0!
				X

PROJECT# 241095		D.A.T. 2	
TLW 0010D			
FIRING PIN INDENT			
DATE -			
GUN#	SERIAL#	1	AVERAGE
B-1			#DIV/0!
B-2			#DIV/0!
B-3			#DIV/0!
B-4			#DIV/0!
B-5			#DIV/0!
B-6			#DIV/0!
B-7			#DIV/0!
B-8			#DIV/0!
B-9			#DIV/0!
B-10			#DIV/0!
B-11			#DIV/0!
B-12			#DIV/0!
B-13			#DIV/0!
B-14			#DIV/0!
B-15			#DIV/0!
B-16			#DIV/0!
B-17			#DIV/0!
B-18			#DIV/0!
B-19			#DIV/0!
B-20			#DIV/0!
B-21			#DIV/0!
B-22			#DIV/0!
B-23			#DIV/0!
B-24			#DIV/0!
B-25			#DIV/0!
B-26			#DIV/0!
B-27			#DIV/0!
B-28			#DIV/0!
B-29			#DIV/0!
B-30			#DIV/0!

PROJECT# 241095		D.A.T. 2	
TLW 0010U			
PERFORM 50LB TRIGGER PULL TEST			
DATE -			
GUN#	SERIAL#	PASS	FAIL
B-1			
B-2			
B-3			
B-4			
B-5			
B-6			
B-7			
B-8			
B-9			
B-10			

PROJECT# 241095		D.A.T. 2	
TLW 0010T			
MEASURE DROP AND CAST			
DATE -			
GUN#	SERIAL#	DROP	CAST
B-1			
B-2			
B-3			
B-4			
B-5			
B-6			
B-7			
B-8			
B-9			
B-10			

PROJECT# 241095		D.A.T. 2
TLW 0010S		
DETERMINE BALANCE POINT		
DATE -		
GUN#	SERIAL#	BALANCE POINT
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010R		
LENGTH OF PULL		
DATE -		
GUN#	SERIAL#	LENGTH OF PULL
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010Q		
BARREL LENGTH		
DATE -		
GUN#	SERIAL#	BARREL LENGTH
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010P		
OVERALL LENGTH		
DATE -		
GUN#	SERIAL#	OVERALL LENGTH
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 00100		
BOLT ASSEMBLY WEIGHT		
DATE -		
GUN#	SERIAL#	WEIGHT
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010N		
BARREL ASSEMBLY WEIGHT		
DATE -		
GUN#	SERIAL#	WEIGHT
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010M		
STOCK ASSEMBLY WEIGHT		
DATE -		
GUN#	SERIAL#	WEIGHT
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2
TLW 0010L		
OVERALL WEIGHT		
DATE -		
GUN#	SERIAL#	WEIGHT
B-1		
B-2		
B-3		
B-4		
B-5		
B-6		
B-7		
B-8		
B-9		
B-10		

PROJECT# 241095		D.A.T. 2		
TLW 0010H				
MAGAZINE SPRING FORCES				
DATE -				
GUN#	SERIAL#	1	2	3
B-1				AVERAGE
B-2				#DIV/0!
B-3				#DIV/0!
B-4				#DIV/0!
B-5				#DIV/0!
B-6				#DIV/0!
B-7				#DIV/0!
B-8				#DIV/0!
B-9				#DIV/0!
B-10				#DIV/0!

PROJECT# 241095		D.A.T. 2		
TLW 0010H				
BOLT LIFT AND CLOSING FORCES				
DATE -				

MODEL 710 BASIC JACK FUNCTION TEST PHASE 2				
PROJECT# 241095				
TLW 0010AA				
GUN	AMMO	ROUNDS	STEM LOW	
B-11	REM R30065 180GR	40		
	REM R30067 220GR	40		
	UMC L30062 150GR	40	7	
	REM PRT3006B 165GR	40	7	
	REM R30063 150GR	40	1	
	TOTAL	200	15	
GUN	AMMO	ROUNDS	STEM LOW	
B-12	REM R30065 180GR	40		
	REM R30067 220GR	40		
	UMC L30062 150GR	40		
	REM PRT3006B 165GR	40		
	REM R30063 150GR	40	3	
	TOTAL	200	3	
GUN	AMMO	ROUNDS	STEM LOW	BOLT OVERRIDE
B-13	REM R30065 180GR	40		1
	REM R30067 220GR	40		1
	UMC L30062 150GR	40		
	REM PRT3006B 165GR	40		
	REM R30063 150GR	40	4	
	TOTAL	200	4	2
GUN	AMMO	ROUNDS		
B-14	REM R30065 180GR	40		
	REM R30067 220GR	40		
	UMC L30062 150GR	40		
	REM PRT3006B 165GR	40		
	REM R30063 150GR	40		
	TOTAL	200		
GUN	AMMO	ROUNDS		

B-15	REM R30065 180GR	40	
	REM R30067 220GR	40	
	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	
	TOTAL	200	
GUN	AMMO	ROUNDS	F.T.E.
B-16	REM R30065 180GR	40	
	REM R30067 220GR	40	
	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	1
	TOTAL	200	1
GUN	AMMO	ROUNDS	
B-17	REM R30065 180GR	40	
	REM R30067 220GR	40	
	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	
	TOTAL	200	
GUN	AMMO	ROUNDS	STEM LOW
B-18	REM R30065 180GR	40	
	REM R30067 220GR	40	
	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	1
	TOTAL	200	1
GUN	AMMO	ROUNDS	
B-19	REM R30065 180GR	40	
	REM R30067 220GR	40	

	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	
	TOTAL	200	
GUN	AMMO	ROUNDS	STEM LOW
B-20	REM R30065 180GR	40	
	REM R30067 220GR	40	
	UMC L30062 150GR	40	
	REM PRT3006B 165GR	40	
	REM R30063 150GR	40	1
	TOTAL	200	1
NOTE: BOLT VERY STIFF CLOSING THE BOLT WHEN CHAMBERING A ROUND.			

PROJECT# 241095		D.A.T. 2		
TLW 0010E				
SEAR/TRIGGER ENGAGEMENT AND SEAR LIFT				
DATE - 9/11/2000				
		SEAR/TRIGGER ENGAGEMENT		
GUN#	1	2	3	AVERAGE
B-1	0.0206	0.0214	0.0211	0.021033333
B-2	0.0256	0.0247	0.0258	0.025366667
B-3	0.0253	0.0255	0.0239	0.0249
B-4	0.0236	0.0241	0.0252	0.0243
B-5	0.0219	0.0223	0.0225	0.022233333
B-6	0.0239	0.0241	0.0249	0.0243
B-7	0.0278	0.0269	0.0278	0.0275
B-8	0.0245	0.0249	0.0247	0.0247
B-9	0.0212	0.0214	0.0233	0.021966667
B-10	0.0254	0.0249	0.0248	0.025033333
B-11	0.0227	0.0238	0.0231	0.0232
B-12	0.0201	0.0199	0.0197	0.0199
B-13	0.0249	0.0247	0.0249	0.024833333
B-14	0.0227	0.0234	0.0219	0.022666667
B-15	0.0249	0.0248	0.0247	0.0248
B-16	0.0252	0.0248	0.0249	0.024966667
B-17	0.0249	0.0247	0.0248	0.0248
B-18	0.0248	0.0247	0.0253	0.024933333
B-19	0.0212	0.0222	0.0231	0.022166667
B-20	0.0249	0.0237	0.0239	0.024166667
B-21	0.0238	0.0241	0.0239	0.023933333
B-22	0.0247	0.0248	0.0246	0.0247
B-23	0.0247	0.0248	0.0241	0.024533333
B-24	0.0256	0.0239	0.0238	0.024433333
B-25	0.0268	0.0262	0.0268	0.0266
B-26	0.0241	0.0241	0.0239	0.024033333
B-27	0.0246	0.0252	0.0248	0.024866667
B-28	0.0251	0.0248	0.0246	0.024833333
B-29	0.0258	0.0261	0.0256	0.025833333
B-30	0.0242	0.0247	0.0239	0.024266667
		SEAR LIFT		
GUN#	1	2	3	AVERAGE

B-1	0.0169	0.0171	0.0168	0.016933333
B-2	0.0167	0.0169	0.0167	0.016766667
B-3	0.0169	0.0168	0.0159	0.016533333
B-4	0.0159	0.0162	0.0141	0.0154
B-5	0.0178	0.0169	0.0156	0.016766667
B-6	0.0186	0.0188	0.0187	0.0187
B-7	0.0172	0.0179	0.0182	0.017766667
B-8	0.0154	0.0153	0.0159	0.015533333
B-9	0.016	0.0163	0.0161	0.016133333
B-10	0.0149	0.0147	0.0134	0.014333333
B-11	0.0155	0.0151	0.0143	0.014966667
B-12	0.0152	0.0154	0.0152	0.015266667
B-13	0.0181	0.0187	0.0166	0.017133333
B-14	0.0172	0.0184	0.0166	0.016733333
B-15	0.0179	0.0167	0.0172	0.017266667
B-16	0.0151	0.0154	0.0162	0.015666667
B-17	0.0167	0.0168	0.0171	0.016866667
B-18	0.016	0.0163	0.0152	0.015833333
B-19	0.0171	0.0169	0.0164	0.0168
B-20	0.0174	0.0172	0.0162	0.016933333
B-21	0.0161	0.0168	0.0166	0.0165
B-22	0.0112	0.0116	0.0114	0.0114
B-23	0.0121	0.0127	0.0117	0.012166667
B-24	0.0179	0.0183	0.0178	0.018
B-25	0.0175	0.0176	0.0174	0.0175
B-26	0.0171	0.0172	0.0174	0.017233333
B-27	0.014	0.0141	0.0142	0.0141
B-28	0.0179	0.0177	0.0164	0.017333333
B-29	0.0128	0.0125	0.0128	0.0127
B-30	0.0132	0.0141	0.0137	0.013666667

PROJECT# 241095		D.A.T.(2)
SAAMI DROP TEST. TLW 0010AQ		
SAAMI JAR-OFF TEST. TLW 0010AR		
SAAMI ROTATION TEST. TLW 0010AS		
JAR-OFF TEST		POSITION
12 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN	
12 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK UP	
12 IN / SAFE OFF	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP	
12 IN / SAFE OFF	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP	
12 IN / SAFE OFF	BARREL VERTICAL, MUZZEL UP	
12 IN / SAFE OFF	BARREL VERTICAL, MUZZEL DOWN	
DROP TEST		POSITION
48 IN / SAFE ON	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN	
48 IN / SAFE ON	BARREL HORIZONTAL, BOTTOM OF STOCK UP	
48 IN / SAFE ON	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP	
48 IN / SAFE ON	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP	
48 IN / SAFE ON	BARREL VERTICAL, MUZZEL UP	
48 IN / SAFE ON	BARREL VERTICAL, MUZZEL DOWN	
ROTATION TEST		POSITION, SAFE ON
FIREARM VERTICAL DROP SO LEFT SIDE OF STOCK IS UP		
FIREARM VERTICAL DROP SO RIGHT SIDE OF STOCK IS UP		
EXT JAR-OFF		POSITION

6 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN
6 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK UP
6 IN / SAFE OFF	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP
6 IN / SAFE OFF	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP
6 IN / SAFE OFF	BARREL VERTICAL, MUZZEL UP
6 IN / SAFE OFF	BARREL VERTICAL, MUZZEL DOWN
EXT JAR-OFF	POSITION
18 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN
18 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK UP
18 IN / SAFE OFF	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP
18 IN / SAFE OFF	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP
18 IN / SAFE OFF	BARREL VERTICAL, MUZZEL UP
18 IN / SAFE OFF	BARREL VERTICAL, MUZZEL DOWN
EXT JAR-OFF	POSITION
24 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN
24 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK UP
24 IN / SAFE OFF	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP
24 IN / SAFE OFF	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP
24 IN / SAFE OFF	BARREL VERTICAL, MUZZEL UP
24 IN / SAFE OFF	BARREL VERTICAL, MUZZEL DOWN
EXT JAR-OFF	POSITION
48 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK DOWN
48 IN / SAFE OFF	BARREL HORIZONTAL, BOTTOM OF STOCK UP
48 IN / SAFE OFF	BARREL HORIZONTAL, LEFT SIDE OF STOCK UP
48 IN / SAFE OFF	BARREL HORIZONTAL, RIGHT SIDE OF STOCK UP
48 IN / SAFE OFF	BARREL VERTICAL, MUZZEL UP
48 IN / SAFE OFF	BARREL VERTICAL, MUZZEL DOWN

PROJECT# 241095

TLW 0304

ACCURACY AT 1000, 2000, AND 5000 ROUND LEVEL.

GUN	AMMO	RD LEVEL	GROUP#1	GROUP#2	GROUP#3	AVERAGE
B-18	REM R30064 180GR	1000	1.765	2.256	1.412	1.811
B-16	REM R30064 180GR	2000	2.341	2.116	3.289	2.5826667
B-13	REM R30064 180GR	5000	4.345	5.046	3.706	4.3656667

**100 YARD ACCURACY
MODEL 710 WITH PROMOTIONAL SCOPE BUSHNELL**

GUN	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
71001079	R30062 150GR	1.59	0.911	1.565	1.87	1.811	1.5494
	R30064 180GR	1.528	1.492	1.581	1.284	1.315	1.44
GUN	AMMO	GROUP#1	GROUP#2	GROUP#3	GROUP#4	GROUP#5	AVERAGE
71001080	R30062 150GR	1.567	1.921	1.591	1.997	2.251	1.8654
	R30064 180GR	1.901	2.451	2.271	2.391	2.253	2.2534