

TLW #:
Project Number: 241460

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Jar-Off Test

Serial #	E6223233	Model:	700 VS	Date:	5/14/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #19	Stock Type:	H-S Precision
Previous Rds/Cycles:	unknown	Caliber:	220 Swift		

Start:

Engagement:	0.0191
	0.0191
	0.0191
Average:	0.0191

TMIS:	0.003
	0.003
	0.003
Average:	0.003

Trigger Pull:	3.477
	3.485
	3.472
	3.490
	3.441
	3.466
	3.453
	3.520
	3.607
	3.521
Average:	3.493

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:
- Barrel Horizontal, Bottom Side Up:
- Barrel Horizontal, Bottom Side Down:

Pass	Fail	Comments
X		
X		
X		
X		
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0193
	0.0187
	0.0188
Average:	0.0189

TMIS:	0.003
	0.003
	0.003
Average:	0.003

Trigger Pull:	3.645
	3.631
	3.661
	3.655
	3.664
	3.685
	3.655
	3.607
	3.664

Average:	3.654
	3.652

Remington Arms Co. - Confidential

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Rotation Test

Serial #	E6223233	Model:	700 VS	Date:	5/14/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #19	Stock Type:	H-S Precision
Previous Rds/Cycles:	unknown	Caliber:	220 Swift		

Start:

Engagement:	0.0191	Trigger Pull:	3.582
	0.0191		3.600
	0.0191		3.587
Average:	0.0191		3.632
			3.702
TMIS:	0.003		3.719
	0.003		3.676
	0.003		3.664
Average:	0.003		3.677
			3.762
		Average:	3.660

Comments:

Orientation:

Barrel Vertical, Drop So Left Side Is Up:
Barrel Vertical, Drop So Right Side Is Up:

Pass	Fail	Comments
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0193	Trigger Pull:	4.077
	0.0193		4.082
	0.0193		4.112
Average:	0.0193		4.072
			4.127
TMIS:	0.003		4.119
	0.003		4.107
	0.003		4.145
Average:	0.003		4.149
			4.085
		Average:	4.108

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Drop Test

Serial #	E6223233	Model:	700 VS	Date:	5/15/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #19	Stock Type:	H-S Precision
Previous Rds/Cycles:	unknown	Caliber:	220 Swift		

Start:

Engagement:	0.0193	Trigger Pull:	3.602
	0.0193		3.536
	0.0193		3.562
Average:	0.0193		3.500
			3.511
TMIS:	0.003		3.456
	0.003		3.465
	0.003		3.568
Average:	0.003		3.511
			3.606
		Average:	3.532

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:
- Barrel Horizontal, Bottom Side Up:
- Barrel Horizontal, Bottom Side Down:

Pass	Fail	Comments
X		
X		
X		
X		
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0189	Trigger Pull:	3.393
	0.0191		3.453
	0.0191		3.428
Average:	0.0190		3.369
			3.346
TMIS:	0.003		3.327
	0.003		3.364
	0.003		3.426
Average:	0.003		3.448

Average	3.421
	3.388

Remington Arms Co. - Confidential

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Jar-Off Test

Serial #	G62C8631	Model:	700 SPS Varmint	Date:	5/14/07
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #21	Stock Type:	SPS Varmint
Previous Rds/Cycles:	unknown	Caliber:	308 Win		

Start:

Engagement:	0.0190	Trigger Pull:	3.580
	0.0190		3.582
	0.0191		3.594
Average:	0.0190		3.577
			3.560
TMIS:	0.003		3.749
	0.003		3.549
	0.003		3.569
Average:	0.003		3.784
			3.570
		Average:	3.611

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:
- Barrel Horizontal, Bottom Side Up:
- Barrel Horizontal, Bottom Side Down:

Pass	Fail	Comments
X		
X		
X		
X		
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0206	Trigger Pull:	3.665
	0.0204		3.642
	0.0203		3.702
Average:	0.0204		3.718
			3.696
TMIS:	0.003		3.721
	0.003		3.768
	0.003		3.747
Average:	0.003		3.756

Average:	3.796
	3.721

Remington Arms Co. - Confidential

SAAMI Rotation Test

Serial #	G6208531	Model:	700 SPS Varmint	Date:	5/14/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #21	Stock Type:	SPS Varmint
Previous Rds/Cycles:	unknown	Caliber:	308 Win		

Start:

Engagement:	0.0193	Trigger Pull:	3.538
	0.0194		3.680
	0.0193		3.518
Average:	0.0193		3.511
			3.636
TMIS:	0.003		3.575
	0.003		3.628
	0.003		3.608
Average:	0.003		3.613
			3.555
		Average:	3.586

Comments:

Orientation:

Barrel Vertical, Drop So Left Side Is Up:
Barrel Vertical, Drop So Right Side Is Up:

Pass	Fail	Comments
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0193	Trigger Pull:	3.420
	0.0193		3.399
	0.0192		3.478
Average:	0.0193		3.492
			3.489
TMIS:	0.003		3.522
	0.003		3.465
	0.003		3.380
Average:	0.003		3.429
			3.466
		Average:	3.454

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Drop Test			
Serial #:	G62C8631	Model:	700 SPS Varmint
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #21
Previous Rds/Cycles:	unknown	Caliber:	308 Win
		Date:	5/15/2007
		Stock Type:	SPS Varmint

Start:

Engagement:	0.0193	Trigger Pull:	3.420
	0.0193		3.399
	0.0192		3.478
Average:	0.0193		3.492
			3.489
			3.522
TMIS:	0.003		3.465
	0.003		3.380
	0.003		3.429
Average:	0.003		3.466
		Average:	3.454

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:
- Barrel Horizontal, Bottom Side Up:
- Barrel Horizontal, Bottom Side Down:

Pass	Fail	Comments
X		
X		
X		
X		
X		
X		

Tester's Initials:

Notes:

End:

Engagement:	0.0190	Trigger Pull:	3.574
	0.0190		3.598
	0.0192		3.485
Average:	0.0191		3.507
			3.578
			3.504
TMIS:	0.004		3.614
	0.004		3.540
	0.004		3.499
Average:	0.004		

Average	3.588
	3.549

Remington Arms Co. - Confidential

SAAMI Jar-Off Test

Serial #	E6223233	Model:	700 VLS	Date:	5/15/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #22	Stock Type:	laminated wood
Previous Rds/Cycles:	unknown	Caliber:	220 Swift		

Start:

Engagement:	0.0192	Trigger Pull:	3.505
	0.0193		3.515
	0.0193		3.509
Average:	0.0193		3.572
			3.547
			3.532
TMIS:	0.003		3.518
	0.003		3.574
	0.003		3.619
Average:	0.003		3.509
		Average:	3.540

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:
- Barrel Horizontal, Bottom Side Up:
- Barrel Horizontal, Bottom Side Down:

Pass	Fail	Comments
X		
X		
X		
X		
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0203	Trigger Pull:	3.425
	0.0204		3.434
	0.0205		3.471
Average:	0.0204		3.437
			3.453
			3.487
TMIS:	0.004		3.485
	0.004		3.440
	0.004		3.439
Average:	0.004		

Average	3.427
	3.450

Remington Arms Co. - Confidential

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Rotation Test

Serial #	E6223233	Model:	700VLS	Date:	5/15/2007
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #22	Stock Type:	laminated wood
Previous Rds/Cycles:	unknown	Caliber:	220 Swift		

Start:

Engagement:	0.0192	Trigger Pull:	3.586
	0.0193		3.534
	0.0192		3.504
Average:	0.0192		3.515
			3.601
TMIS:	0.003		3.566
	0.003		3.523
	0.003		3.584
Average:	0.003		3.536
			3.551
		Average:	3.550

Comments:

Orientation:

Barrel Vertical, Drop So Left Side Is Up:
Barrel Vertical, Drop So Right Side Is Up:

Pass	Fail	Comments
X		
X		

Tester's Initials: JWR/JLS

Notes:

End:

Engagement:	0.0186	Trigger Pull:	3.952
	0.0185		4.012
	0.0183		4.033
Average:	0.0185		4.034
			4.001
TMIS:	0.003		3.969
	0.003		3.964
	0.003		4.001
Average:	0.003		4.028
			3.977
		Average:	3.997

Remington Arms Co. - Confidential

TLW
Project #: 241460

SAAMI Drop Test			
Serial #	E6223233	Model:	700 VLS
Trigger Assembly Type:	40X XMP	Trigger Assembly #:	40X XMP #22
Previous Rds/Cycles:	unknown	Caliber:	220 Swift
		Date:	5/16/2007
		Stock Type:	laminated wood

Start:

Engagement:	0.0191	Trigger Pull:	3.561
	0.0191		3.534
	0.0191		3.430
Average:	0.0191		3.480
			3.561
			3.553
TMIS:	0.003		3.591
	0.003		3.463
	0.003		3.566
Average:	0.003		3.527
		Average:	3.527

Comments:

Orientation:

- Barrel Vertical, Muzzle Up:
- Barrel Vertical, Muzzle Down:
- Barrel Horizontal, Left Side Up:
- Barrel Horizontal, Right Side Up:

Pass	Fail	Comments
X		
X		
X		
X		
		cracked stock through grip - replaced
X		cracked stock through grip

Barrel Horizontal, Bottom Side Up:

Barrel Horizontal, Bottom Side Down:

Tester's Initials:

Notes:

End:

Engagement:	0.0189	Trigger Pull:	3.709
	0.0190		3.646

	3.674
	3.709
	3.727
	3.738
	3.755
	3.759
	3.772
	3.788
Average:	3.728

	0.0192
Average:	0.0190
TMIS:	0.004
	0.004
	0.004
Average:	0.004

Remington Arms Co. - Confidential

		Before Jar-off				After Jar-off				Reset for Rotation				After Rotation			
		Engagement	TMIS	Min TP	Test TP	Engagement	TMIS	Test TP	Engagement	Engagement	TMIS	Test TP	Engagement	Engagement	TMIS	Test TP	
E6223233 XMP #19 H-S stock		0.0191	0.003	2.526	3.477	0.0193	0.003	3.645		0.0191	0.003	3.582		0.0193	0.003	4.077	
		0.0191	0.003	2.505	3.485	0.0187	0.003	3.631		0.0191	0.003	3.600		0.0193	0.003	4.082	
		0.0191	0.003	2.536	3.472	0.0188	0.003	3.661		0.0191	0.003	3.587		0.0193	0.003	4.112	
				2.512	3.490			3.655				3.632				4.072	
				2.485	3.441			3.664				3.702				4.127	
				2.502	3.466			3.685				3.719				4.119	
				2.546	3.453			3.655				3.676				4.107	
				2.544	3.520			3.607				3.664				4.145	
				2.538	3.607			3.664				3.677				4.149	
				2.537	3.521			3.654				3.762				4.085	
				2.523	3.493			3.652				3.660				4.108	

Reset for Drop Engagement	After Drop			
	TMIS	Test TP	Engagement	Test TP
		3.602	0.0189	0.003 3.393
		3.536	0.0191	0.003 3.453
		3.562	0.0191	0.003 3.428
		3.500		3.369
		3.511		3.346
		3.456		3.327
		3.465		3.364
		3.568		3.426
		3.511		3.448
		3.606		3.421
		3.532		3.398

Before Jar-off					After Jar-off			Reset for Rotation			After Rotation				
		Engagement	TMIS	Min TP	Test TP	Engagement	TMIS	Test TP	Engagement	TMIS	Test TP	Engagement	TMIS	Test TP	
G6208631 XMP #21 SPS stock		0.0190	0.003	2.529	3.580	0.0206	0.003	3.665		0.0193	0.003	3.538	0.0193	0.003	3.420
		0.0190	0.003	2.543	3.582	0.0204	0.003	3.642		0.0194	0.003	3.680	0.0193	0.003	3.399
		0.0191	0.003	2.501	3.594	0.0203	0.003	3.702		0.0193	0.003	3.518	0.0192	0.003	3.478
				2.522	3.577			3.718				3.511			3.492
				2.463	3.560			3.696				3.636			3.489
				2.588	3.749			3.721				3.575			3.522
				2.647	3.549			3.768				3.628			3.465
				2.541	3.569			3.747				3.608			3.380
				2.476	3.784			3.756				3.613			3.429
				2.469	3.570			3.796				3.555			3.466
				2.528	3.611			3.721				3.586			3.454

Reset for Drop		After Drop			
Engagement	TMIS	Test TP	Engagement	TMIS	Test TP
			0.0190	0.004	3.574
			0.0190	0.004	3.598
			0.0192	0.004	3.485
					3.507
					3.578
					3.504
					3.614
					3.540
					3.499
					3.588
					3.549

		Before Jar-off				After Jar-off			Reset for Rotation			After Rotation			
		Engagement	TMIS	Min TP	Test TP	Engagement	TMIS	Test TP	Engagement	TMIS	Test TP	Engagement	TMIS	Test TP	
E6223233	XMP #22	0.0192	0.003	2.539	3.505	0.0203	0.004	3.425		0.0192	0.003	3.586	0.0186	0.003	3.952
VLS Stock		0.0193	0.003	2.546	3.515	0.0204	0.004	3.434		0.0193	0.003	3.534	0.0185	0.003	4.012
		0.0193	0.003	2.479	3.509	0.0205	0.004	3.471		0.0192	0.003	3.504	0.0183	0.003	4.033
				2.519	3.572			3.437				3.515			4.034
				2.571	3.547			3.453				3.601			4.001
				2.491	3.532			3.487				3.566			3.969
				2.494	3.518			3.485				3.523			3.964
				2.447	3.574			3.440				3.584			4.001
				2.493	3.619			3.439				3.536			4.028
				2.604	3.509			3.427				3.551			3.977
				2.518	3.540			3.450				3.550			3.997

Reset for Drop			After Drop		
Engagement	TMIS	Test TP	Engagement	TMIS	Test TP
0.0191	0.003	3.561	0.0189	0.004	3.709
0.0191	0.003	3.534	0.0190	0.004	3.646
0.0191	0.003	3.43	0.0192	0.004	3.674
		3.48			3.709
		3.561			3.727
		3.553			3.738
		3.591			3.755
		3.463			3.759
		3.566			3.772
		3.527			3.788
		3.527			3.728