

C6611750

MODEL 700™ M24

Model SWS™

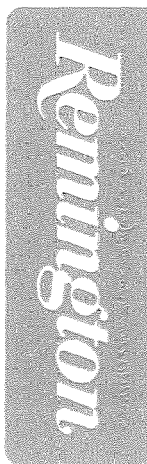
Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00149413

Serial: C6611750 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Status: Closed 8/15/2008 6:04:32 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4484 305 APS/TRTC

FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE

1757 VANDENBERG AVE

Address 2: PO Box:

PO Box:

City: MCGUIRE AIR FORCE BASE

MCGUIRE AIR FORCE BASE

State: NJ

Zip Code: 08641

Country: US

State: NJ

Zip Code: 08641

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1
D000	FLASH SUPPRESSOR	1

Repair Search

Refresh

Close

nagletj

8/20/2008

2:29 PM

C4PS

NUM

INS

SCRL



Reset

Serial Number: C6611750

Model: M24 SWS



RE00149413

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

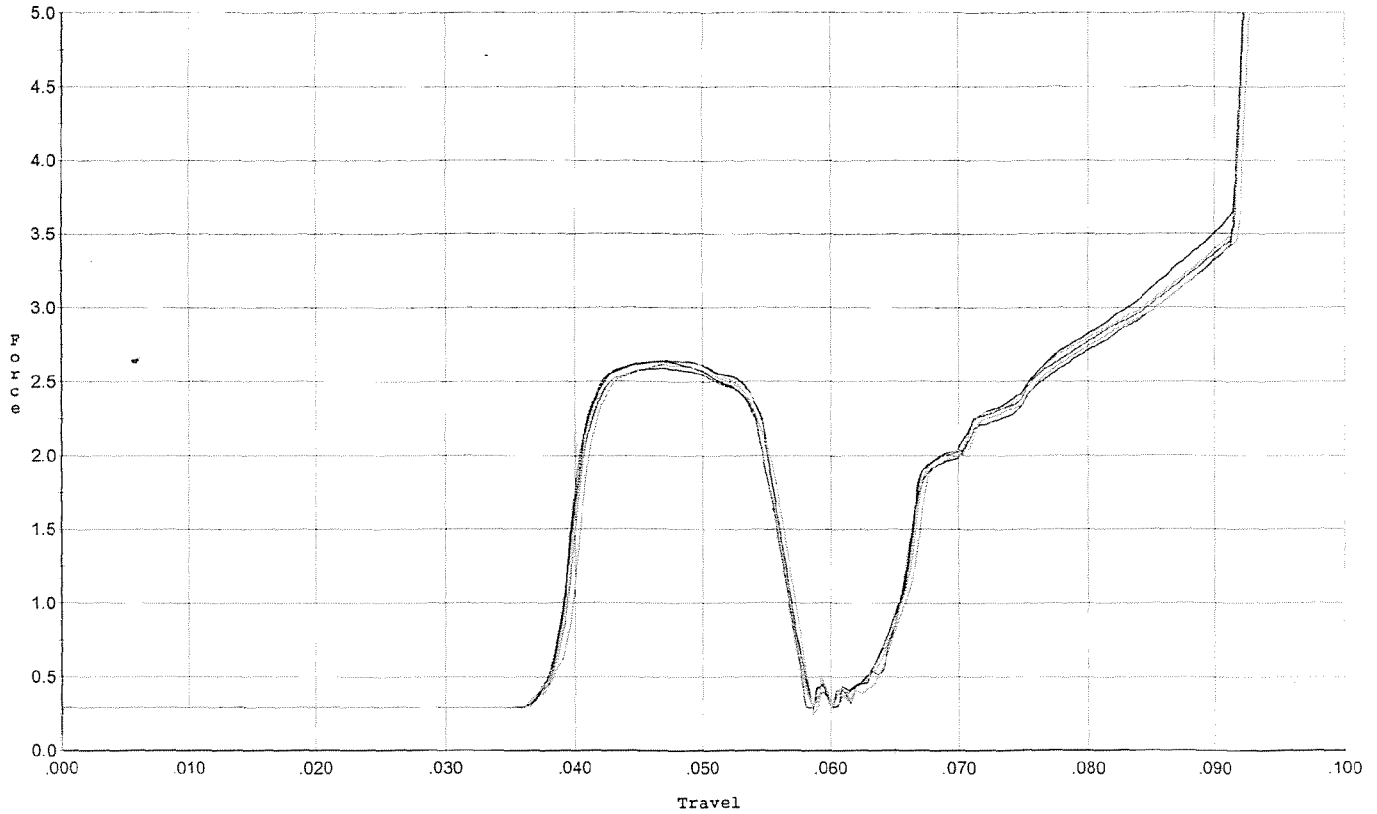
R & E NUMBER 149 413
SERIAL NUMBER C16611758
LOG-IN DATE 149413

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-08	RTZ
505	RE-BARREL	8-28-08	RTZ
560	ASSEMBLE	8-28-08	RTZ
600	PROOF	8-28-08	L.P.D.
605	CHECK HEADSPACE	8-28-08	L.P.D.
610	DIS-ASSEMBLE GUN	8-28-08	L.P.D.
612	MAGNAFLUX	9-1-08	BAH
510	DRILL AND TAP	8-29-08	SP
615	ROLLMARK CALIBER	8/3/08	RT
618	ROTO-BLAST	9/3/08	DC
620	APPLY COATINGS	9/8	---
625	FINAL ASSEMBLY	9-15-08	RTZ
640	FUNCTION TEST AND	10-20-08	L.P.D.
650	TARGET	10-20-08	L.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-22-08	L.P.D.
	A) HEADSPACE	10-22-08	L.P.D.
	B) TRIGGER PULL	2.29 2.25 2.27 2.25 2.30 10-22-08	TL
	F) SAFETY ON FORCE	8.0 8.0 7.5 10-22-08	L.P.D.
	G) SAFETY OFF FORCE	6.0 6.0 5.5 10-22-08	L.P.D.
	I) FIRING PIN INDENT	.021 .021 .021 10-22-08	L.P.D.
690	PACK	10/22/08	FM

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



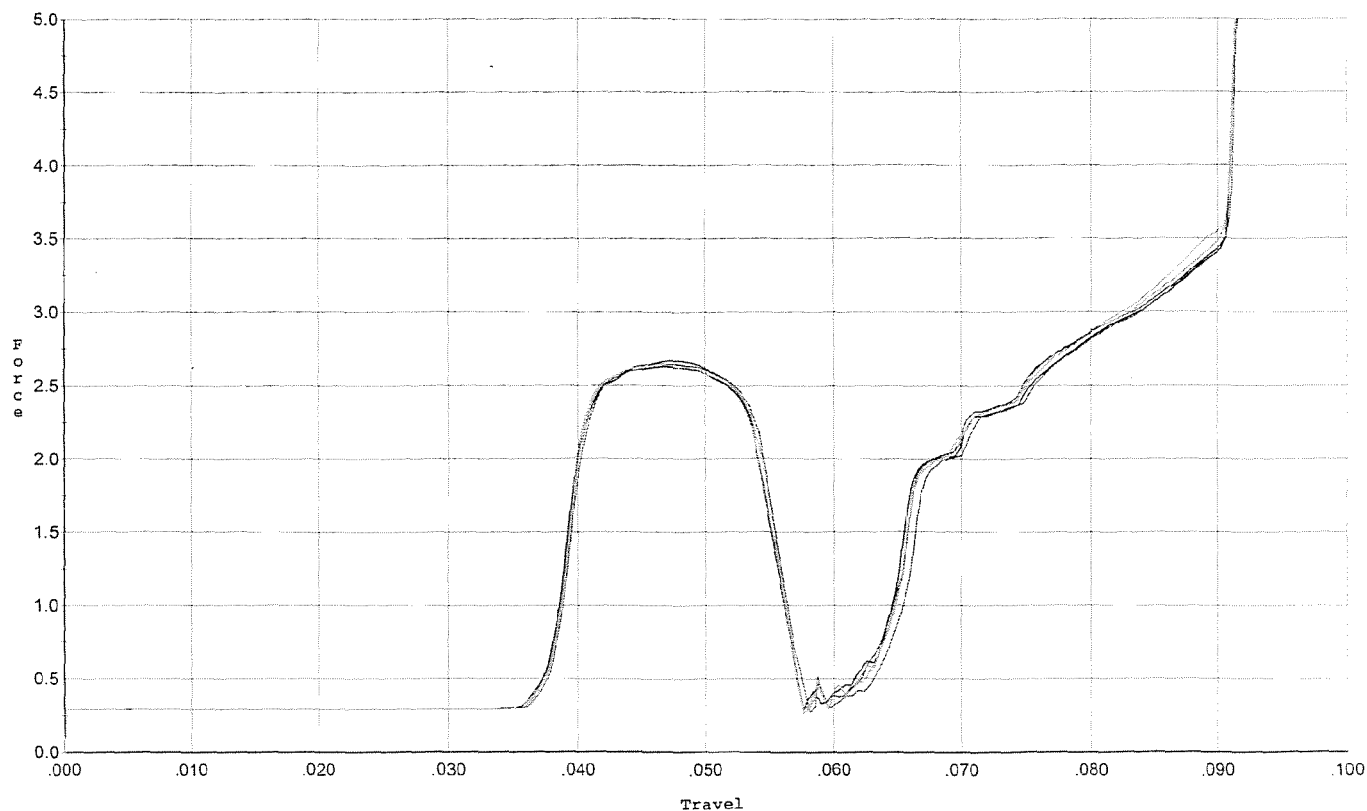
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.629	0.056	0.037	0.041	0.052		Set Trigger
2	2.636	0.055	0.037	0.041	0.051		Set Trigger
3	2.587	0.055	0.038	0.041	0.050		Set Trigger
4	2.610	0.055	0.038	0.041	0.050		Set Trigger
5	2.631	0.056	0.038	0.041	0.051		Set Trigger

Avg 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



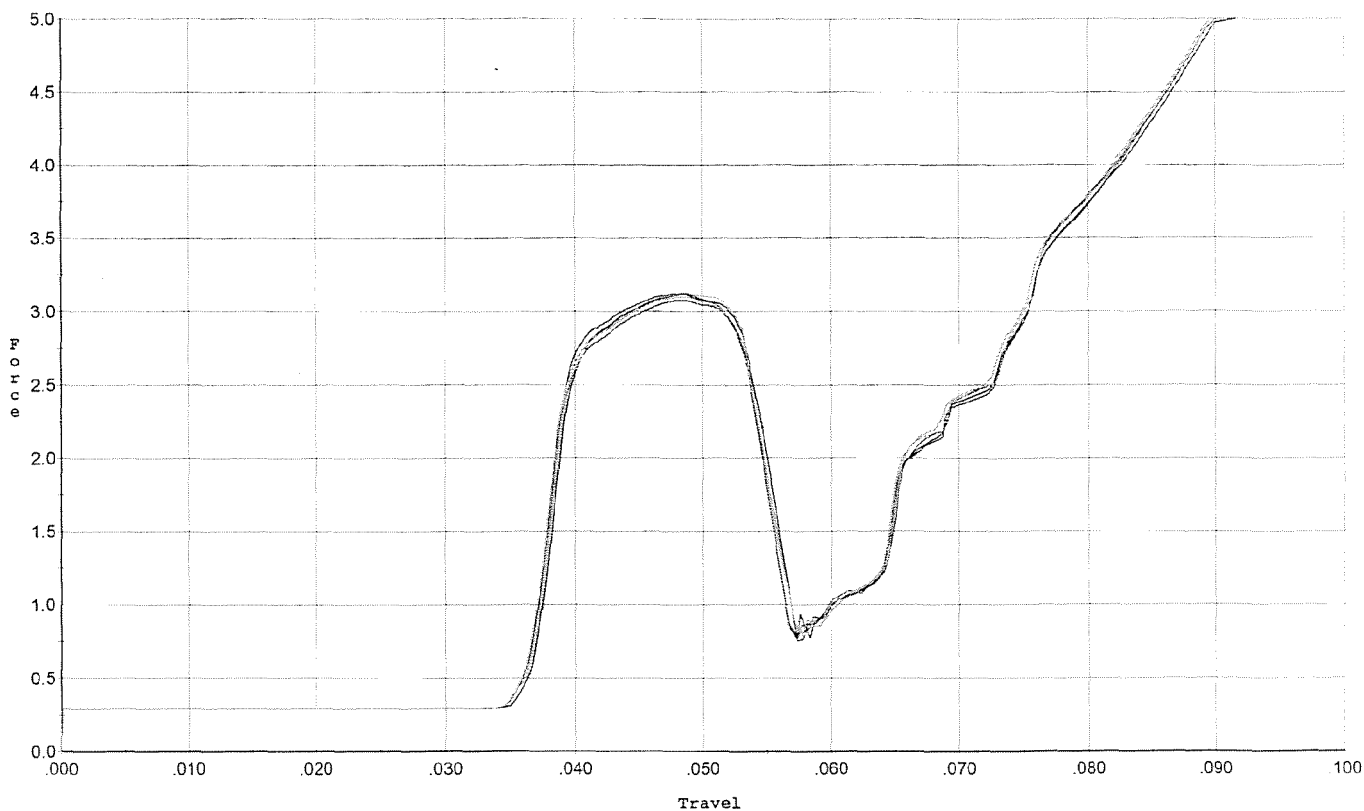
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.670	0.055	0.038	0.041	0.052		Set Trigger
2	2.628	0.054	0.037	0.041	0.050		Set Trigger
3	2.651	0.054	0.037	0.041	0.051		Set Trigger
4	2.645	0.054	0.037	0.041	0.051		Set Trigger
5	2.642	0.055	0.037	0.041	0.052		Set Trigger

Avg 2.64

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



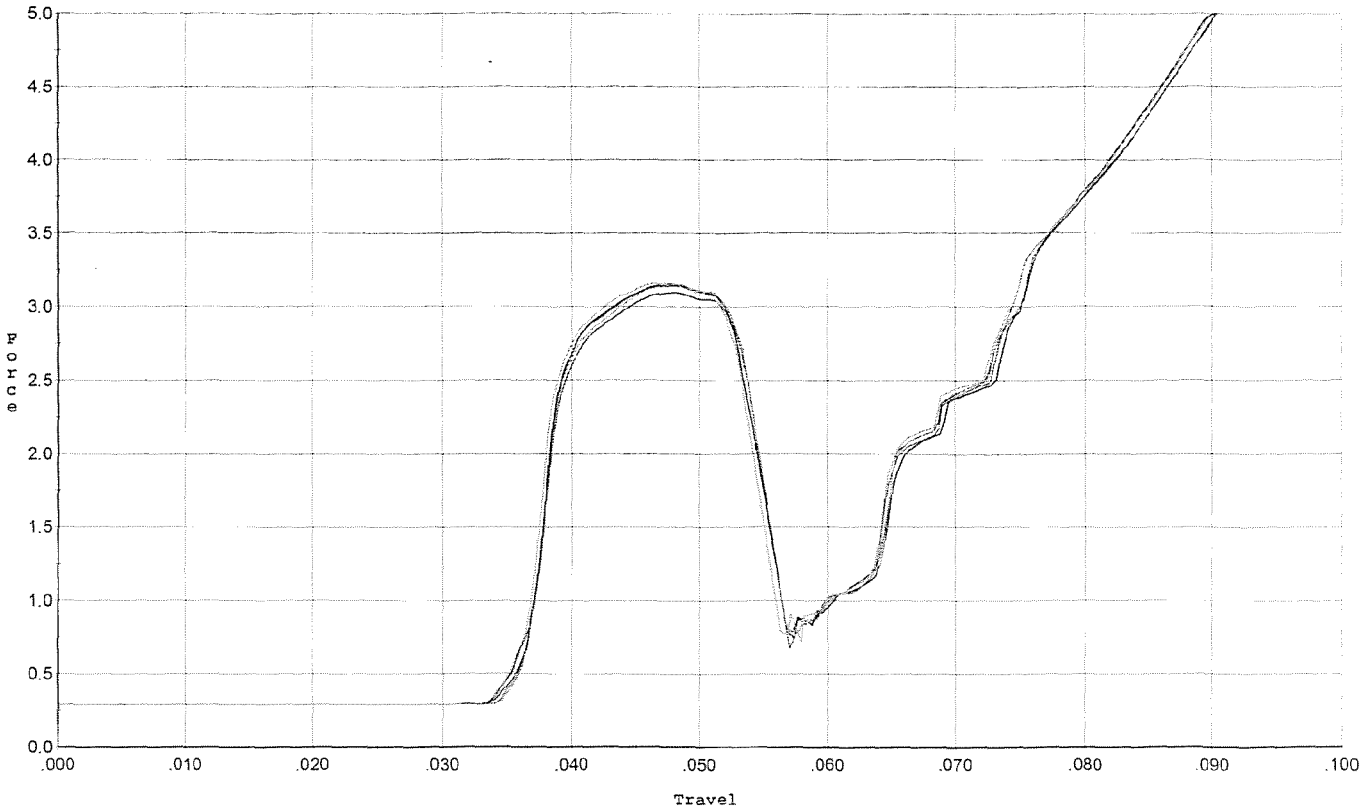
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.119	0.053	0.035	0.039	0.059		Set Trigger
2	3.119	0.055	0.036	0.039	0.060		Set Trigger
3	3.076	0.053	0.035	0.039	0.058		Set Trigger
4	3.099	0.053	0.036	0.039	0.058		Set Trigger
5	3.123	0.053	0.035	0.039	0.059		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



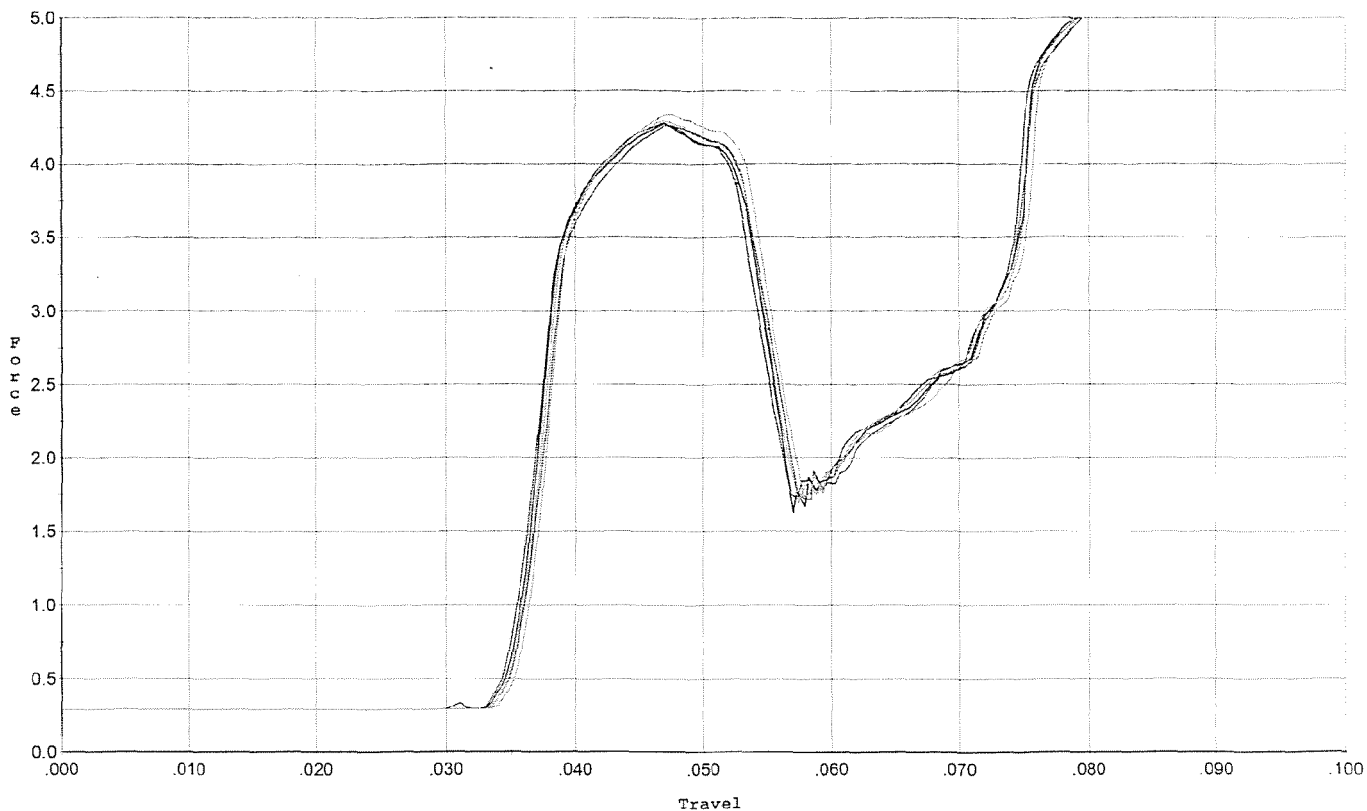
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.094	0.054	0.036	0.039	0.060		Set Trigger
2	3.139	0.054	0.036	0.039	0.060		Set Trigger
3	3.150	0.054	0.035	0.039	0.060		Set Trigger
4	3.158	0.053	0.035	0.039	0.059		Set Trigger
5	3.148	0.053	0.036	0.039	0.059		Set Trigger

Avg 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



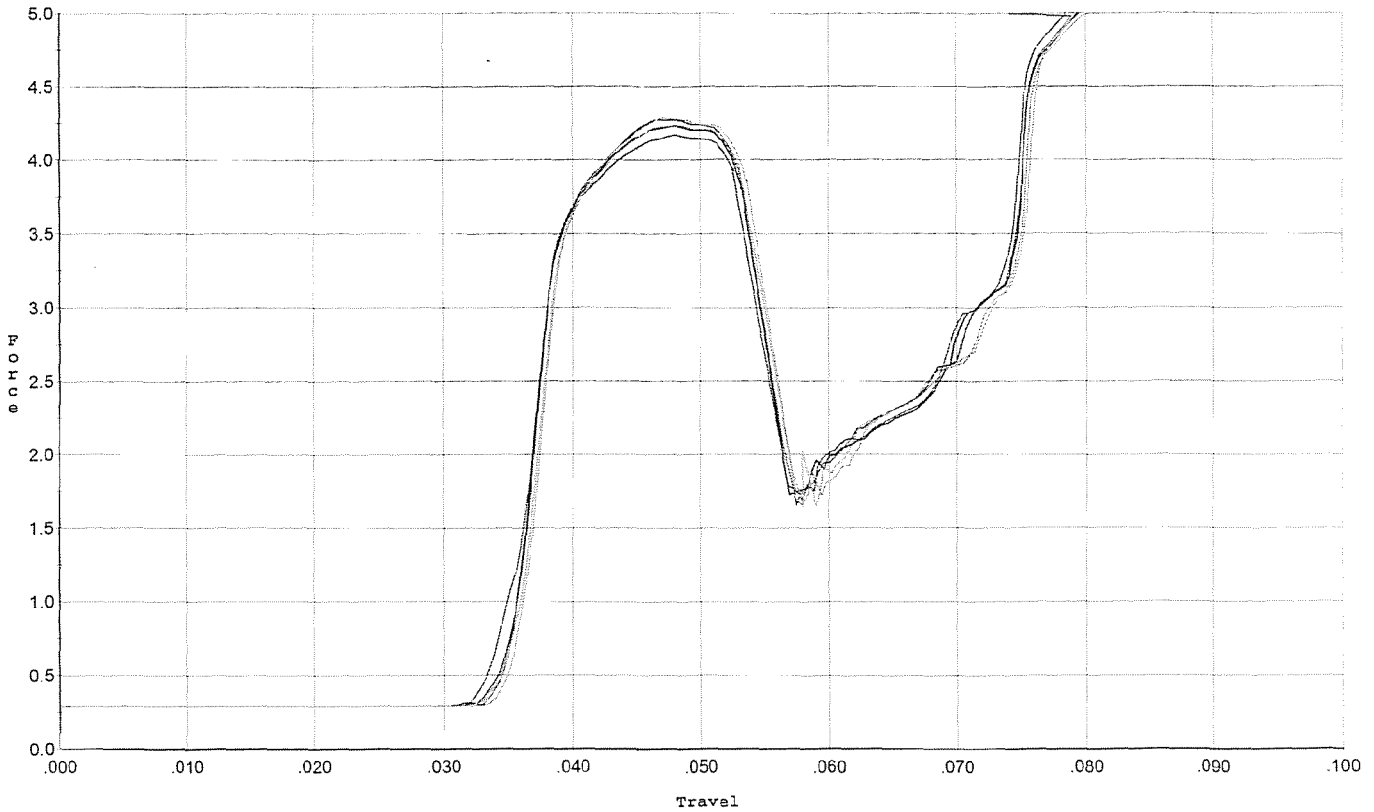
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.283	0.053	0.033	0.037	0.078		Set Trigger
2	4.277	0.053	0.034	0.037	0.080		Set Trigger
3	4.263	0.055	0.034	0.037	0.082		Set Trigger
4	4.297	0.053	0.034	0.037	0.079		Set Trigger
5	4.342	0.053	0.034	0.037	0.080		Set Trigger

4.29 Avg

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



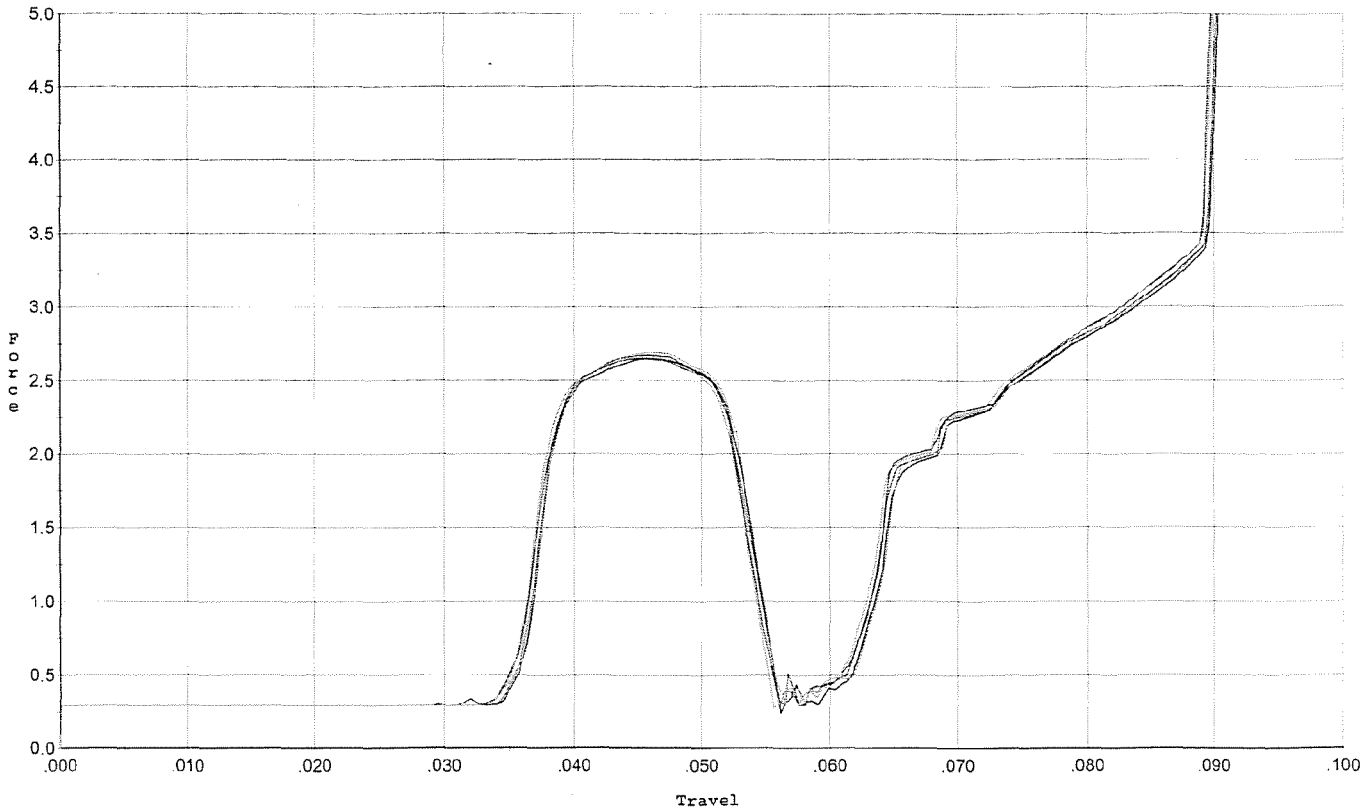
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.169	0.053	0.032	0.037	0.078		Set Trigger
2	4.231	0.053	0.034	0.037	0.080		Set Trigger
3	4.274	0.053	0.034	0.037	0.080		Set Trigger
4	4.234	0.055	0.035	0.037	0.082		Set Trigger
5	4.288	0.054	0.034	0.037	0.081		Set Trigger

AVG 4.23

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



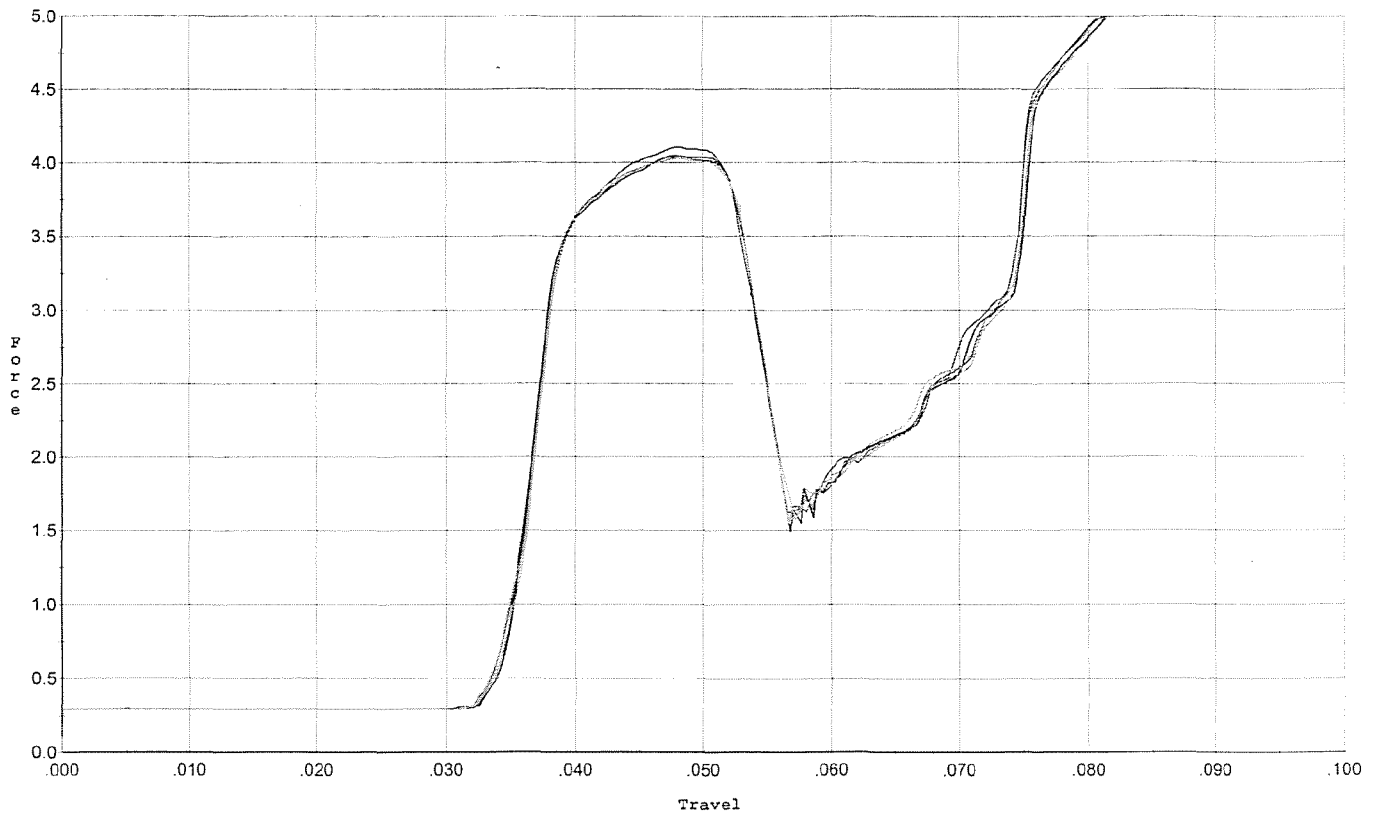
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.650	0.052	0.034	0.040	0.050		Set Trigger
2	2.647	0.053	0.035	0.040	0.051		Set Trigger
3	2.673	0.054	0.035	0.040	0.052		Set Trigger
4	2.688	0.053	0.036	0.040	0.051		Set Trigger
5	2.664	0.052	0.034	0.040	0.051		Set Trigger

Avg 2.66

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.104	0.054	0.033	0.037	0.079		Set Trigger
2	4.049	0.053	0.033	0.037	0.077		Set Trigger
3	4.045	0.053	0.033	0.037	0.077		Set Trigger
4	4.028	0.053	0.033	0.037	0.077		Set Trigger
5	4.035	0.053	0.032	0.037	0.077		Set Trigger

Avg 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611750.__0
FILE DATE AND TIME: 10/21/2008 13:25

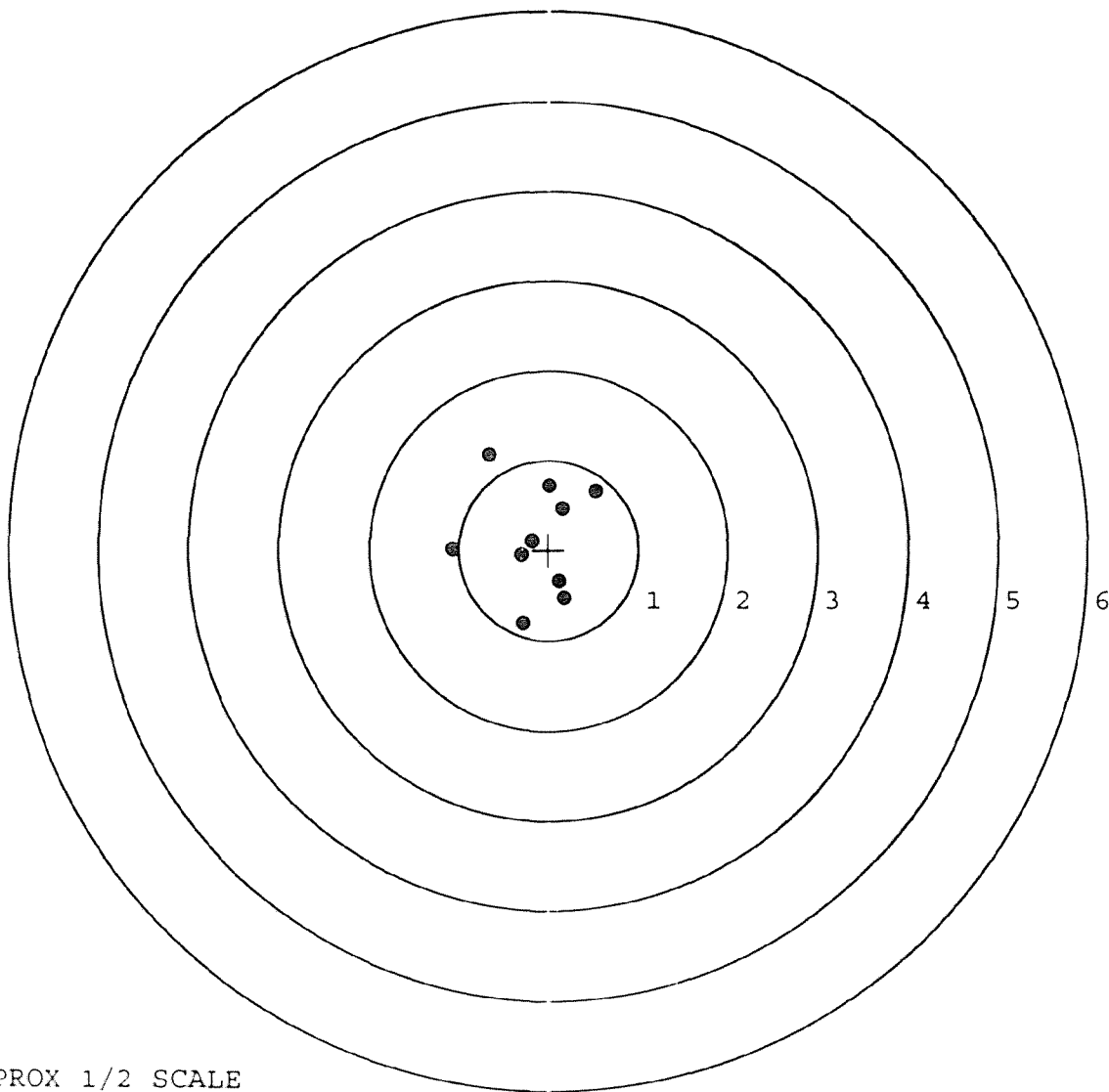
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.084
The Average Y Centroid of the Five Target Set:	0.024
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.196
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.240
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.163

SERIAL NUMBER: C6611750. __0
TARGET NUMBER: 1
FILE DATE: 10/21/2008
FILE TIME: 13:25

POINT#	X	Y
1:	-0.665	1.055
2:	-1.071	0.005
3:	-0.290	-0.817
4:	0.009	0.714
5:	0.521	0.654
6:	0.160	0.464
7:	0.175	-0.535
8:	0.125	-0.347
9:	-0.301	-0.065
10:	-0.183	0.105

X CENTROID: -0.152
Y CENTROID: 0.123
POA TO CENTROID: 0.196
HORZ SPREAD: 1.592
VERT SPREAD: 1.872
GROUP SPREAD: 1.909
MIN RADIUS: 0.036
MAX RADIUS: 1.064
MEAN RADIUS: 0.643
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

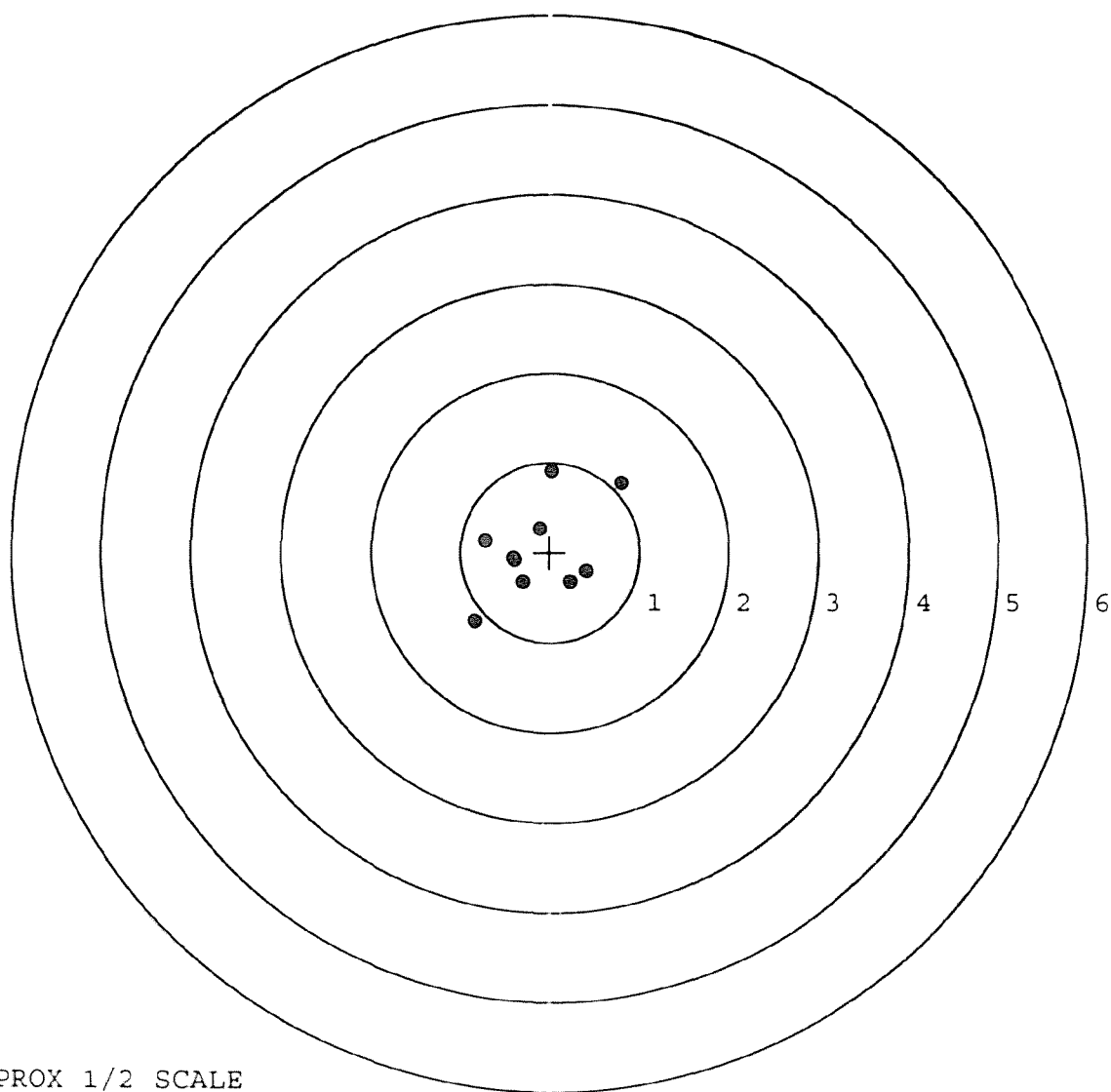


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611750. __0
TARGET NUMBER: 2
FILE DATE: 10/21/2008
FILE TIME: 13:25

POINT#	X	Y
1:	0.798	0.777
2:	0.021	0.901
3:	-0.845	-0.768
4:	-0.728	0.127
5:	-0.115	0.263
6:	0.407	-0.212
7:	0.230	-0.329
8:	-0.301	-0.338
9:	-0.394	-0.091
10:	-0.407	-0.071

X CENTROID: -0.133
Y CENTROID: 0.026
POA TO CENTROID: 0.136
HORZ SPREAD: 1.643
VERT SPREAD: 1.669
GROUP SPREAD: 2.255
MIN RADIUS: 0.238
MAX RADIUS: 1.197
MEAN RADIUS: 0.607
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611750. 0

TARGET NUMBER: 3

FILE DATE: 10/21/2008

FILE TIME: 13:25

POINT#	X	Y
1:	0.208	-0.921
2:	0.547	0.371
3:	0.299	0.513
4:	-0.081	0.492
5:	-0.399	0.154
6:	-0.511	-0.302
7:	-0.511	-0.451
8:	-0.443	-0.345
9:	-0.171	-0.236
10:	0.336	-0.311

X CENTROID: -0.073

Y CENTROID: -0.104

POA TO CENTROID: 0.127

HORZ SPREAD: 1.058

VERT SPREAD: 1.434

GROUP SPREAD: 1.442

MIN RADIUS: 0.165

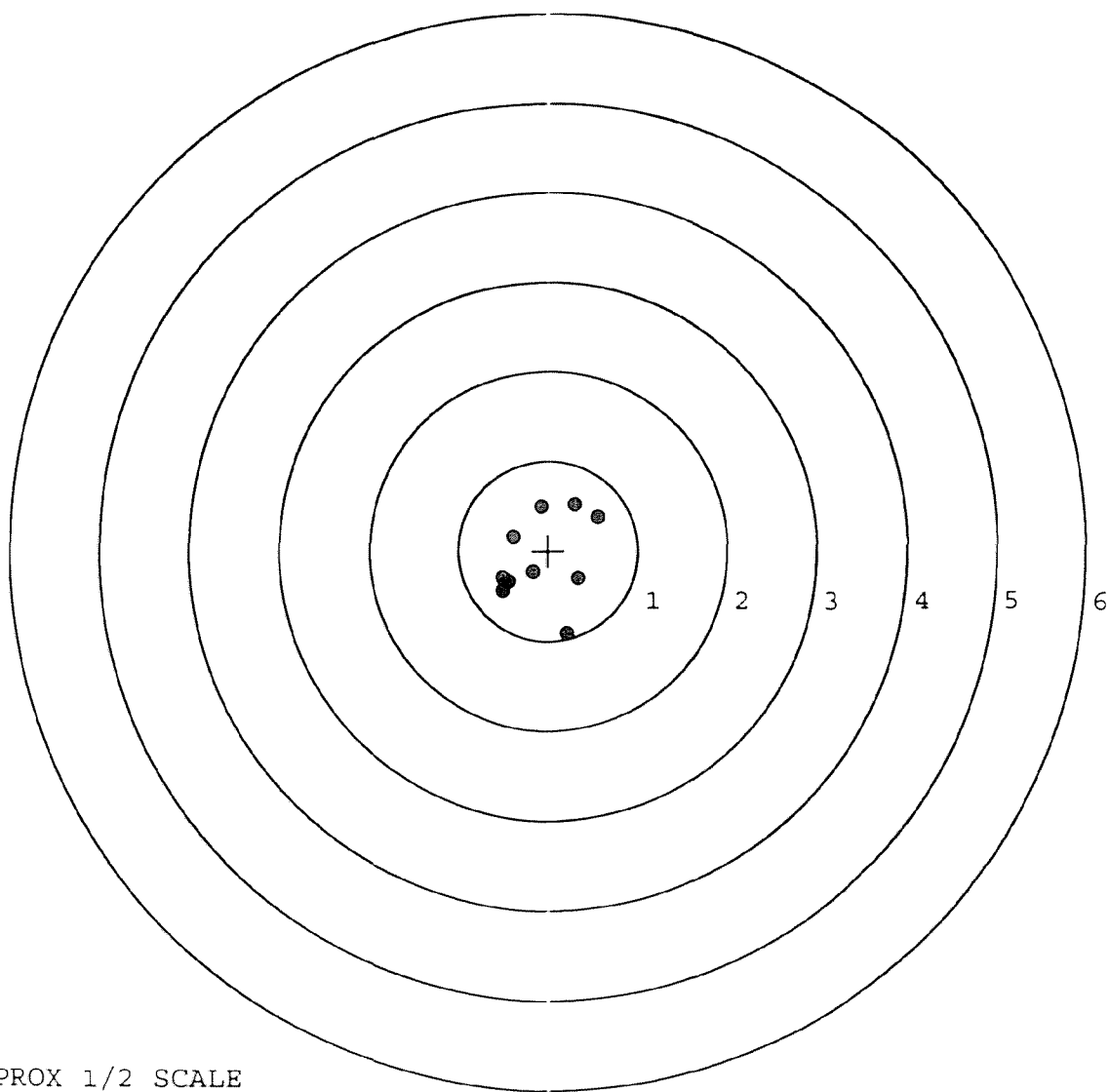
MAX RADIUS: 0.864

MEAN RADIUS: 0.548

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

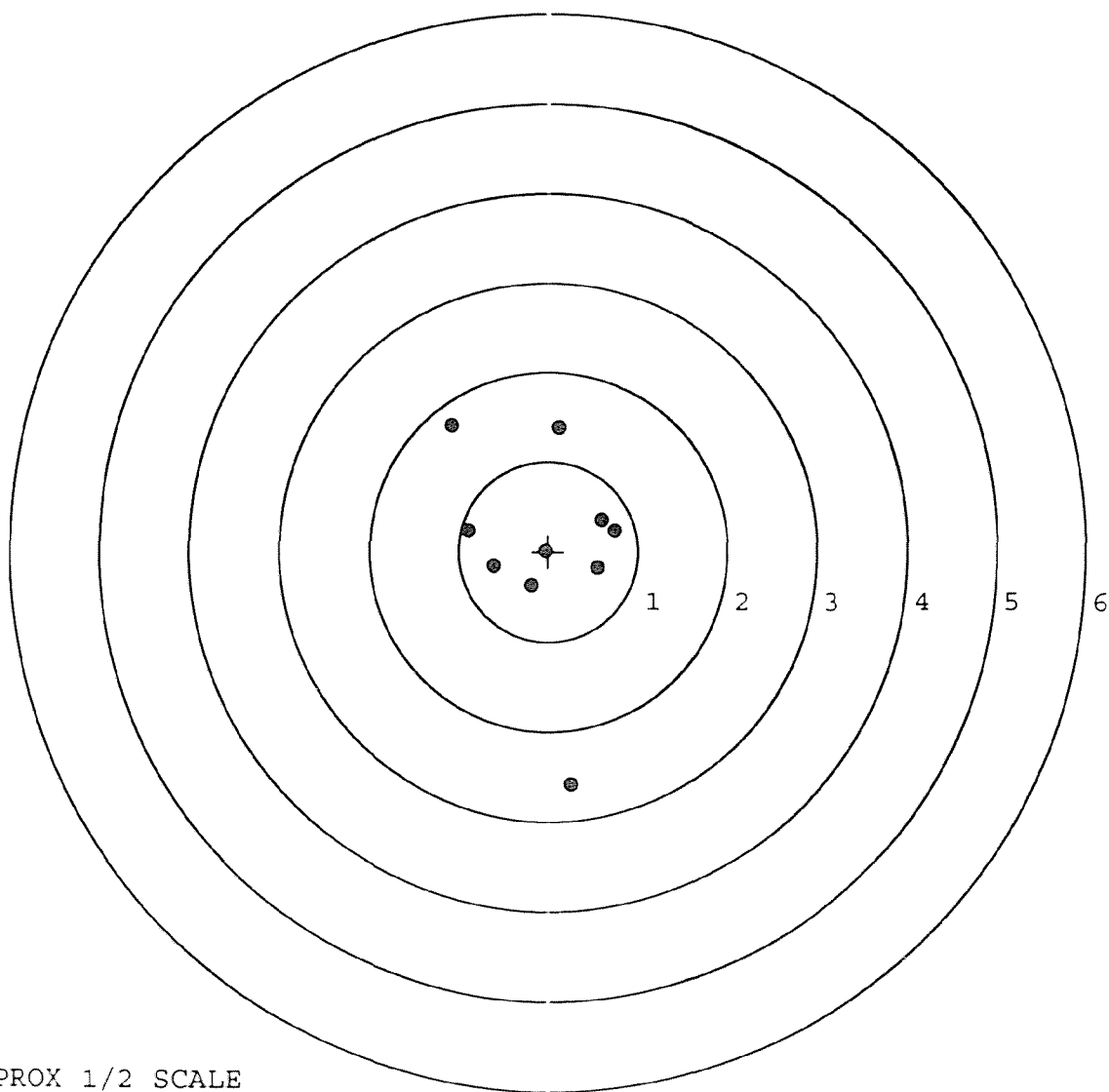


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611750. __0
TARGET NUMBER: 4
FILE DATE: 10/21/2008
FILE TIME: 13:25

POINT#	X	Y
1:	0.256	-2.595
2:	0.126	1.379
3:	-1.085	1.396
4:	-0.891	0.227
5:	-0.612	-0.165
6:	-0.188	-0.384
7:	0.740	0.233
8:	0.588	0.347
9:	0.548	-0.183
10:	-0.032	0.012

X CENTROID: -0.055
Y CENTROID: 0.027
POA TO CENTROID: 0.061
HORZ SPREAD: 1.825
VERT SPREAD: 3.991
GROUP SPREAD: 4.210
MIN RADIUS: 0.027
MAX RADIUS: 2.640
MEAN RADIUS: 0.980
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

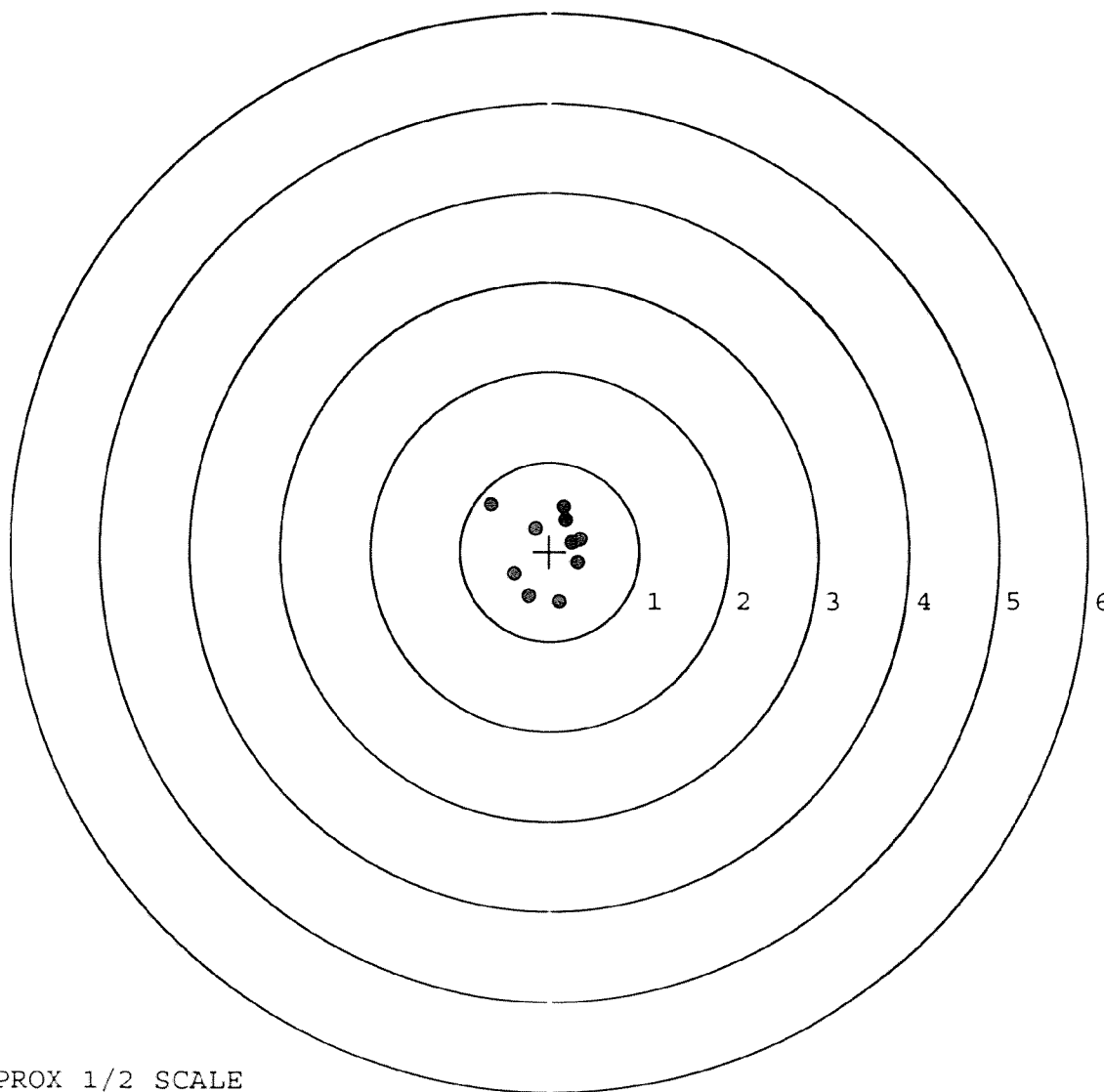


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611750. __0
TARGET NUMBER: 5
FILE DATE: 10/21/2008
FILE TIME: 13:25

POINT#	X	Y
1:	-0.655	0.531
2:	-0.398	-0.249
3:	-0.240	-0.494
4:	0.111	-0.562
5:	0.317	-0.121
6:	0.344	0.140
7:	0.249	0.106
8:	0.181	0.357
9:	0.163	0.506
10:	-0.155	0.259

X CENTROID: -0.008
Y CENTROID: 0.047
POA TO CENTROID: 0.048
HORZ SPREAD: 0.999
VERT SPREAD: 1.093
GROUP SPREAD: 1.335
MIN RADIUS: 0.258
MAX RADIUS: 0.808
MEAN RADIUS: 0.461
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Serial Number: C6611750

Model: 700



RE00031017

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSB Tools Reports Table Maintenance System Maintenance Help

Repair Number: RE00031017 Serial: C6611750 Model 700 M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: New 8/20/01 10:57:09 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: CSMS CLASS 1X CSMS CLASS 1X

Address 1: 3745 THUNDERBIRD ST 3745 THUNDERBIRD ST

Address 2: PO Box: PO Box:

City: NORMAN NORMAN

State: OK Zip Code: 73069 Country: US State: OK Zip Code: 73069 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: 405 573 7523

Fax:

Email:

Comments: Contract DAA09-92-C-0834

Received Condition

Condition: Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1
A001	Cleaning Kit	1

Repair Search Refresh Close

nagle 8/20/01 11:59 AM CSMS NUM WS STPL

Start Inbox - Microsoft Ex Nagle, Thomas J. Microsoft Excel - S Arms Services ... 11:59 AM

Serial Number: C6611750

Model: 700



RE00031017

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611750
28 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .302
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .428935

THE AMR FOR THIS RIFLE IS: 1.136

CENTROIDAL DISTANCES

0 TO	1	.178194
1 TO	2	.382562
1 TO	3	.475178
1 TO	4	.592109
1 TO	5	.784297

5

4
3²

1
+

<----POA

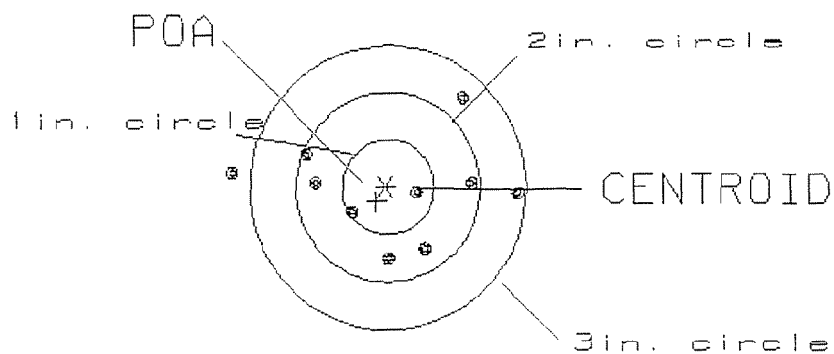
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .178
 MIN RADIUS : .348
 MEAN RADIUS : .930
 MAX RADIUS : 1.713
 CENTROID X : .093
 CENTROID Y : .152

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.07

2

VS= 1.64

7

GS= 3.08

9

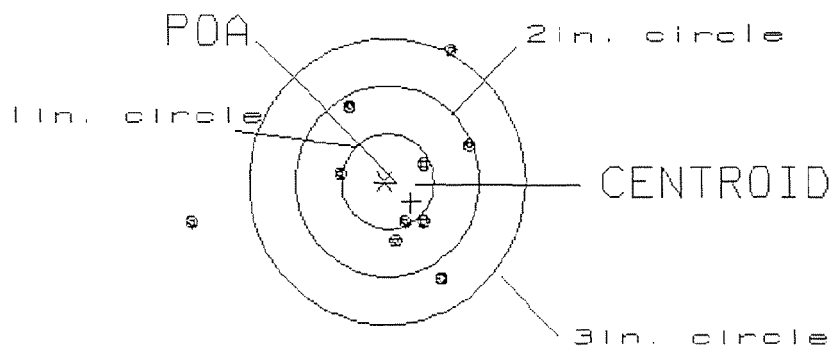
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .358
 MIN RADIUS : .437
 MEAN RADIUS : .933
 MAX RADIUS : 2.165
 CENTROID X : -.284
 CENTROID Y : .217

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.04

2

VS= 2.38

7

GS= 3.31

8

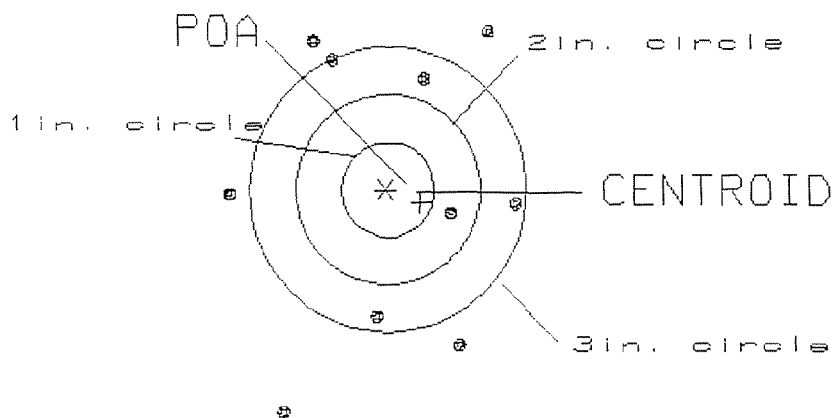
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .407
 MIN RADIUS : .773
 MEAN RADIUS : 1.611
 MAX RADIUS : 2.620
 CENTROID X : -.382
 CENTROID Y : .139

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.12
 VS= 4.00
 GS= 4.60

0
 1
 5

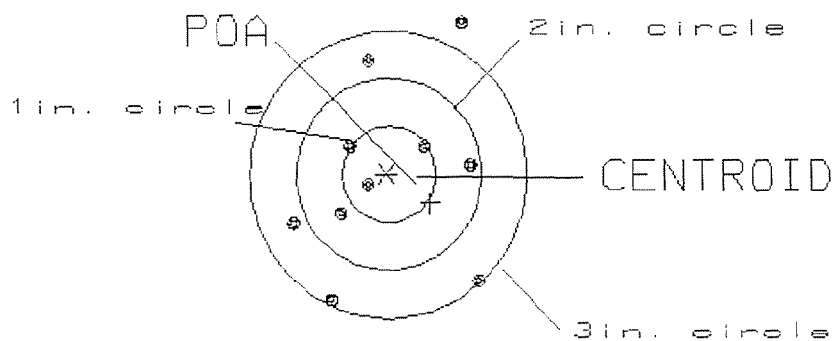
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .568
 MIN RADIUS : .279
 MEAN RADIUS : .987
 MAX RADIUS : 1.810
 CENTROID X : -.479
 CENTROID Y : .305

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.92

2

VS= 2.97

5

GS= 3.29

9

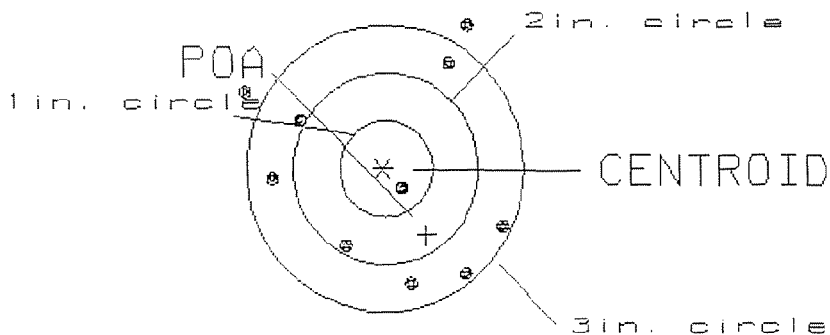
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .842
 MIN RADIUS : .241
 MEAN RADIUS : 1.218
 MAX RADIUS : 1.756
 CENTROID X : -.471
 CENTROID Y : .697

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.84
 VS= 2.71
 GS= 3.15

1
 2
 7

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 31017 31017			
SERIAL NUMBER 0661750			
LOG-IN DATE 8/20/01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/21/01	AK
560 A	RE-BARREL AT CUSTOM SHOP	8/21/01	BWT
B	DRILL AND TAP	8/21/01	BWT
C	POLISH	8/22/01	GD
575	ASSEMBLE	8-22-01	AK
600	PROOF	8-22-01	RW
605	CHECK HEADSPACE	8-22-01	RW
610	DIS-ASSEMBLE GUN	8-22-01	RW
612	MAGNAFLUX	8-23-01	AK
615	ROLLMARK CALIBER	8-23-01	RW
618	ROTO-BLAST	8/23	AK
620	APPLY COATINGS	8-24-01	TA
625 A	FINAL ASSEMBLY	8-27-01	AK
B	TRIGGER PULL TEST	8-27-01	N/A
C	SAFETY "ON" FORCE	8-27-01	N/A
D	SAFETY "OFF" FORCE	8-27-01	N/A
E	FIRING PIN INDENT	8-27-01	N/A
640	TARGET	8/28/01	AK
655	FINAL INSPECT	8-28-01	AK
660	PACK	8-30-01	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

ID: C6611750

DATE REC'D: 8-20-01

DATE RET'D: 9-6-01

EDITOR: *PH*

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ SCOPE☒ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ SCOPE CASE☒ IRON SIGHTS☒ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LG
617	Drill and Tap Sight Holes	1 17 91		FB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-6-91	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/6/91	W/B
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			3/6/91	W/B
	H) Trigger Pull Test & Retainability						3-6-91	W/B
	I) Firing Pin Indent	.021	.0215	.0215			3/6/91	W/B
	J) Assemble Stock						3/7/91	RW
	K) Assemble Swivel Studs						3-7-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/7/91	RW
	M) Iron Sight Alignment						3/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	RW
	O) Attach Scope to Rifle						3/7/91	RW
	P) Detach & Attach Scope 20 Times						3/7/91	RW
640	Gallery Target & Test						3-8-91	AC
	A) Time						3-8-91	AC
	B) Malfunctions						3-8-91	AC
	C) Pierced Primers						3-8-91	AC
	D) Optical Clarity of Scope						3-8-91	AC
645	Inspect for Live Ammo						3-8-91	AC
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.33	2.24	2.32	2.31	2.32	3/11/91	W/B
	C) Function						3-11-91	D/H
660	Pack						3-20-91	D/H

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611750

DATE 3-6-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.44	2.20	2.33	MIN. SETTING,
PULL #2	2.22	2.24	2.23	2.24	NO AVG. OF 5
PULL #3	2.22	2.24	2.33	2.32	READINGS ACCEPT-
PULL #4	2.23	2.25	2.25	2.31	ABLE LESS THAN 2#
PULL #5	2.21	2.22	2.25	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.33		
PULL #2	3.34	3.33		
PULL #3	3.32	3.30		
PULL #4	3.25	3.31		
PULL #5	3.34	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.28		4.34
PULL #2	4.34	4.31		4.36
PULL #3	4.32	4.37		4.40
PULL #4	4.35	4.34		4.38
PULL #5	4.30	4.35		4.41
TOTAL				
AVG.				




VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

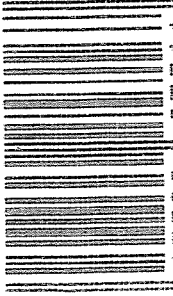
MODEL 700TM H24

SERIAL NO.
C6611750

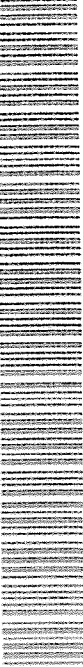
ORDER NO.
5716

MADE IN U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

UPC



0 47700 25716 7



5716 C6611750

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611750
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.455862
1 TO	2	.157305
1 TO	3	.242128
1 TO	4	.235287
1 TO	5	.350852

←----POA

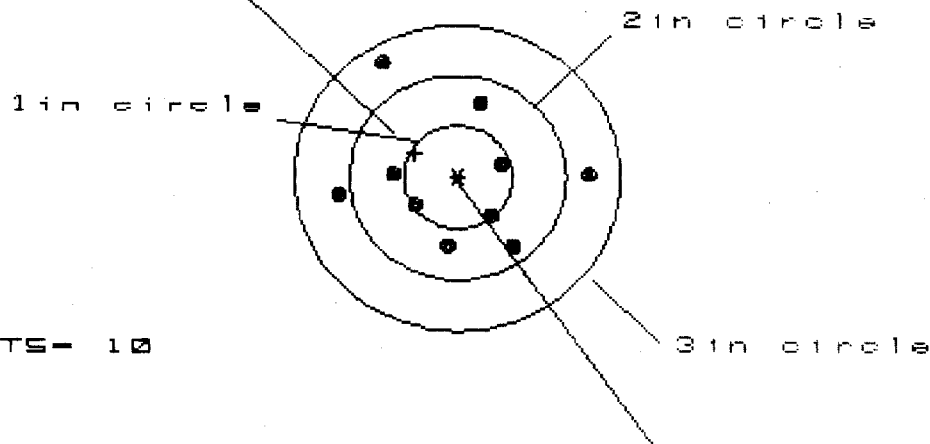
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .259644
THE AMR FOR THIS RIFLE IS: .8278

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 1

POR



OF SHOTS- 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.336

VS= 1.789

GS= 2.342

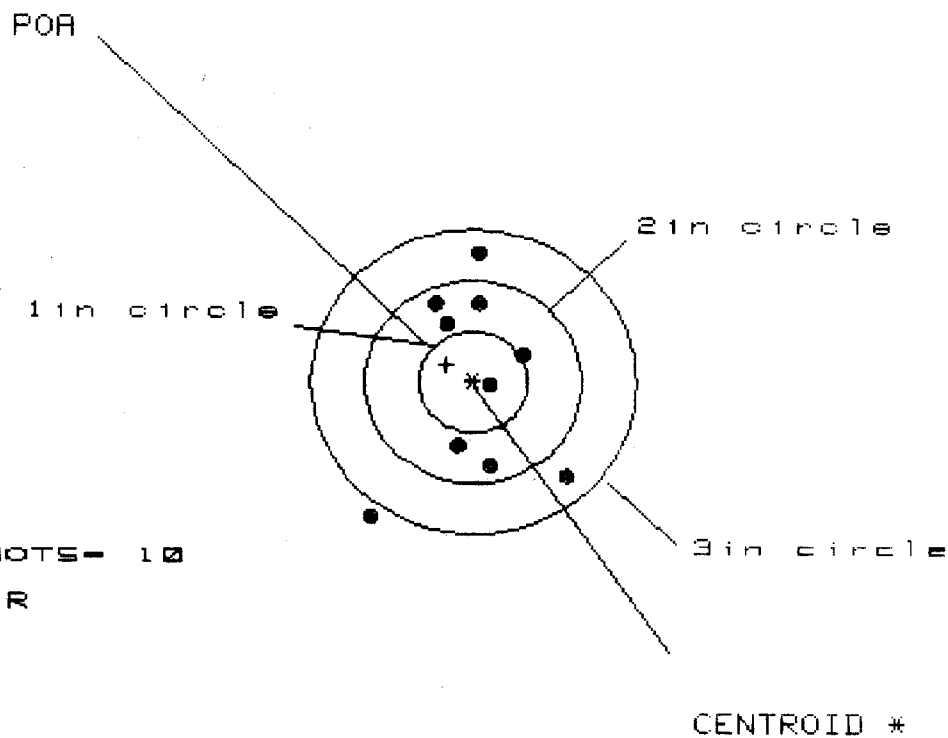
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.243	1.166	.612
MINIMUM X	:	-1.093	-1.170	-1.025
MAXIMUM Y	:	1.129	.878	.893
MINIMUM Y	:	-.660	-.535	-.520
CENTROID X	:	.393	.470	.325
CENTROID Y	:	-.231	-.356	-.371
POR TO CENTROID in.:	:	.455	.590	.493
MIN RADIUS	:	.460	.344	.345
MEAN RADIUS	:	.795	.713	.648
MAX RADIUS	:	1.328	1.172	1.025
HORIZONTAL SPREAD	:	2.336	2.336	1.637
VERTICAL SPREAD	:	1.789	1.413	1.413
EXTREME SPREAD	:	2.342	2.342	1.698
NUMBER IN ONE INCH CIRCLE =	:	3	7	10
NUMBER IN TWO INCH CIRCLE =	:	7	10	10
NUMBER IN THREE INCH CIRCLE =	:	10	10	10

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 2



* OF SHOTS- 10

* IN CIR

1 in = 1

2 in = 7

3 in = 9

HM = 1.072

VS = 2.643

GS = 2.818

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.899	.790	.777
MINIMUM X	:	-.974	-.475	-.488
MAXIMUM Y	:	1.287	1.136	.756
MINIMUM Y	:	-1.356	-1.033	-.891
CENTROID X	:	.246	.355	.368
CENTROID Y	:	-.175	-.024	-.166
POA TO CENTROID in.	:	.302	.355	.403
MIN RADIUS	:	.120	.189	.047
MEAN RADIUS	:	.855	.744	.683
MAX RADIUS	:	1.669	1.300	1.182
HORIZONTAL SPREAD	:	1.872	1.265	1.265
VERTICAL SPREAD	:	2.643	2.169	1.647
EXTREME SPREAD	:	2.818	2.346	2.077
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

B Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611750

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

+ OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.912

VS= 1.631

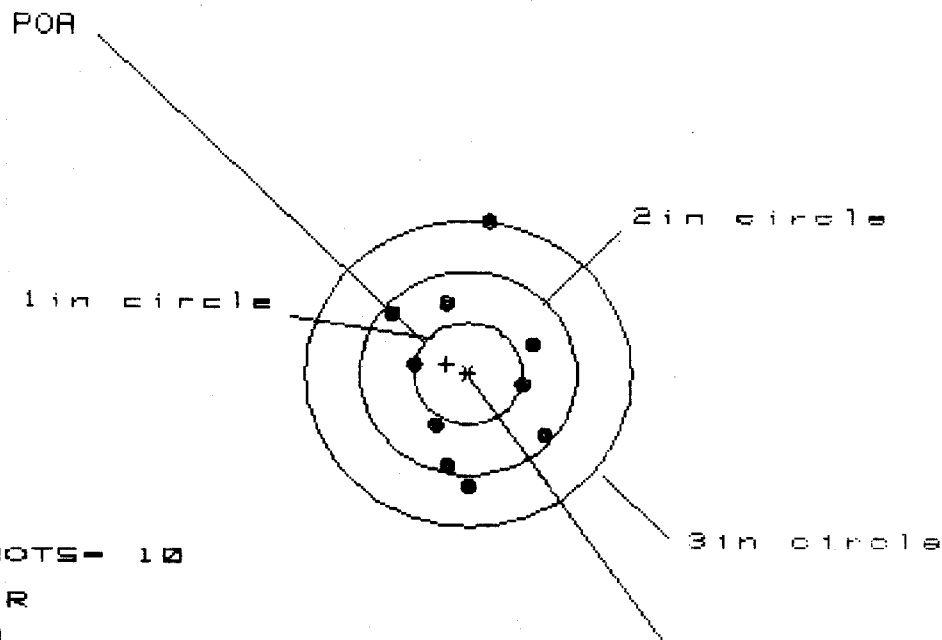
GS= 2.046

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.878	.763	.852
MINIMUM X	:	-1.034	-.640	-.551
MAXIMUM Y	:	.645	.705	.784
MINIMUM Y	:	-.986	-.926	-.838
CENTROID X	:	.192	.307	.218
CENTROID Y	:	-.096	-.156	-.244
POA TO CENTROID in.	:	.214	.344	.327
MIN RADIUS	:	.445	.421	.447
MEAN RADIUS	:	.757	.708	.657
MAX RADIUS	:	1.167	.998	.853
HORIZONTAL SPREAD	:	1.912	1.403	1.403
VERTICAL SPREAD	:	1.631	1.631	1.622
EXTREME SPREAD	:	2.046	1.781	1.624
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

IN CIR

1 in = 0

2 in = 8

3 in = 10

HS= 1.327

VS= 2.572

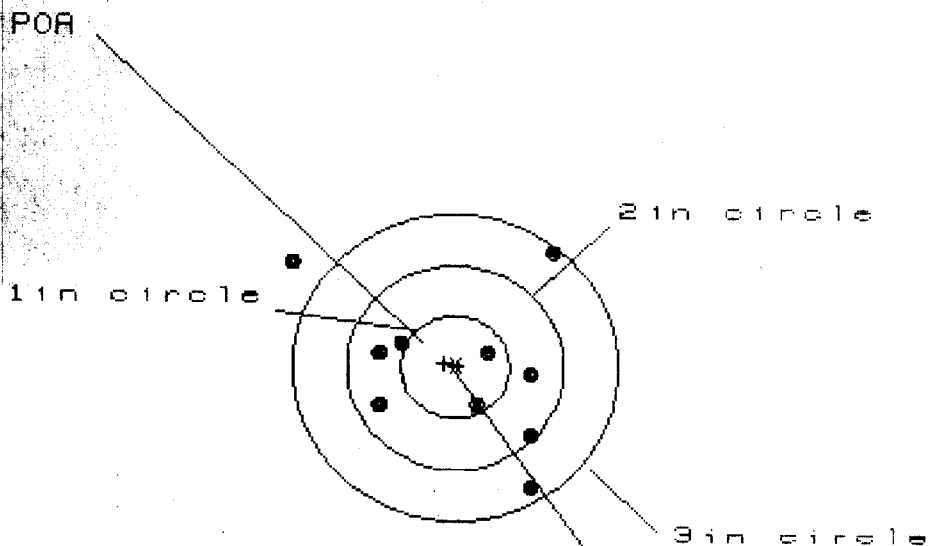
GS= 2.581

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.661	.684	.685
MINIMUM X	:	-.666	-.643	-.642
MAXIMUM Y	:	1.456	.890	.771
MINIMUM Y	:	-1.116	-.954	-.820
CENTROID X	:	.201	.178	.177
CENTROID Y	:	-.095	-.257	-.138
POA TO CENTROID in.	:	.222	.313	.224
MIN RADIUS	:	.502	.431	.490
MEAN RADIUS	:	.831	.743	.713
MAX RADIUS	:	1.471	1.009	.920
HORIZONTAL SPREAD	:	1.327	1.327	1.327
VERTICAL SPREAD	:	2.572	1.844	1.591
EXTREME SPREAD	:	2.581	1.858	1.824
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 5



* OF SHOTS- 10

* IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.333

VS= 2.290

GS= 3.035

CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.687	.649
MINIMUM X	:	-1.482	-.913	-.828
MAXIMUM Y	:	1.130	1.241	.483
MINIMUM Y	:	-1.160	-1.049	-.894
CENTROID X	:	.102	.266	.180
CENTROID Y	:	-.035	-.147	-.302
POA TO CENTROID in.	:	.108	.304	.352
MIN RADIUS	:	.339	.261	.144
MEAN RADIUS	:	.901	.774	.686
MAX RADIUS	:	1.788	1.418	1.060
HORIZONTAL SPREAD	:	2.333	1.600	1.477
VERTICAL SPREAD	:	2.290	2.290	1.377
EXTREME SPREAD	:	3.035	2.299	1.899
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	