

G 659 0134
F 6413473

Repair Inquiry

Repair Number: RE00146048

Serial: G6590134 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/3/2008 9:50:46 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: INSTALLATION SERIALIZATION OFFICER

INSTALLATION SERIALIZATION OFFICER

Address 1: BLDG 7920

BLDG 7920

Address 2: PO Box:

PO Box:

City: FT. RILEY

FT. RILEY

State: KS

Zip Code: 66442

Country: US

State: KS

Zip Code: 66442

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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/3/2008

12:58 PM

CSRP

NUM

RM

USC



Number: G6590134

Model: M24 SWS



RE00146048

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

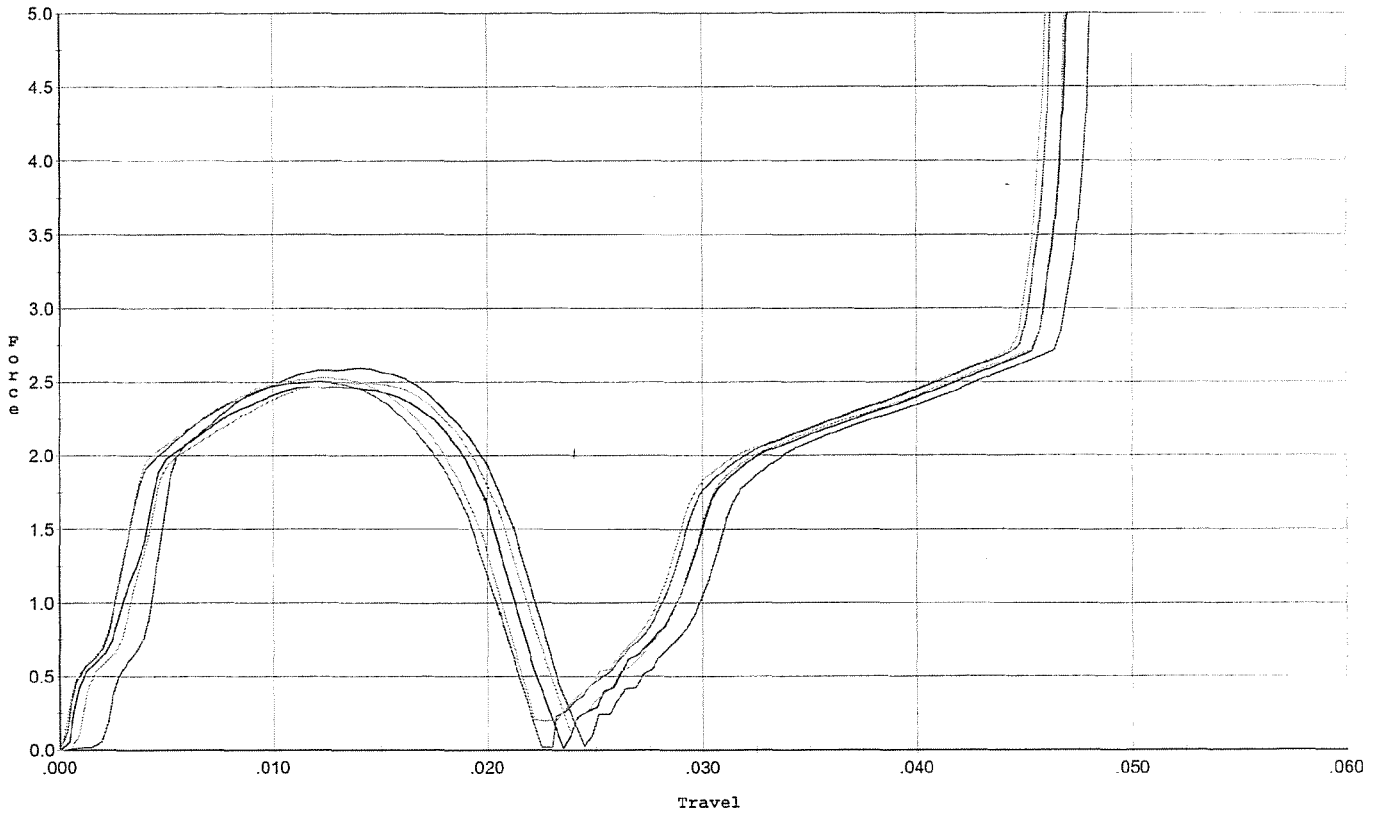
R & E NUMBER <u>146048</u>				
SERIAL NUMBER <u>66590134</u>				
LOG-IN DATE <u>6-3-08</u>				
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5/14/09	RT
505	RE-BARREL		5/26/09	RT
420	ASSEMBLE		5/26/09	RT
440	PROOF	MAGNA - FLUX	5/26/09	SPD
460	CHECK HEADSPACE	MAX 2.0 2000	5/26/09	SPD
470	DIS-ASSEMBLE GUN		5/26/09	SPD
480	MAGNAFLUX	OPERATOR <u>(Signature)</u>	5/30/09	(Signature)
510	DRILL AND TAP		5-27-09	SP
500	ROLLMARK CALIBER		6/1/09	RT
520	GOFF BLAST BBL / REC		6-1-09	OWO
530 & 540	APPLY COATINGS		6/3/09	(Signature)
560	FINAL ASSEMBLY		6/4/09	RT
640	FUNCTION TEST AND	PASS FAIL	6/4/09	RB
650	TARGET	PASS FAIL	6/4/09	RB
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6/4/09	TAF
	A) HEADSPACE	PASS FAIL	6-3-09	230
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	216 215 216 207 219 6-509	RT
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	40 40 40 6-509	RT
	G) SAFETY OFF FORCE	2 LBS MIN	60 50 60 6-509	RT
	I) FIRING PIN INDENT	.020	.024 .024 .024 6-509	RT
690	PACK		6/3/09	Fm

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



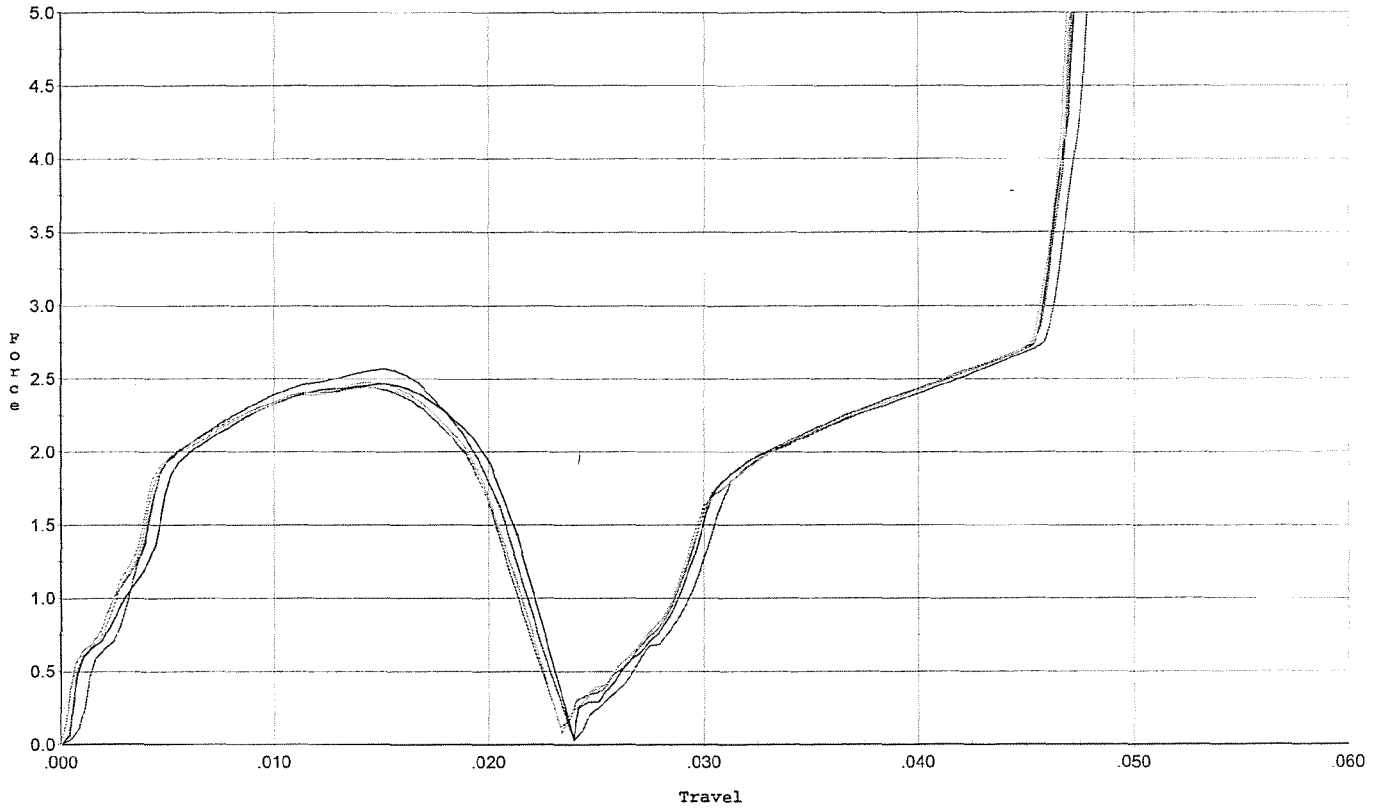
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.596	0.021	0.002	0.031	0.038		Set Trigger
2	2.466	0.020	0.00	0.031	0.037		Set Trigger
3	2.504	0.021	0.00	0.031	0.038		Set Trigger
4	2.528	0.020	0.00	0.031	0.037		Set Trigger
5	2.491	0.021	0.00	0.031	0.037		Set Trigger

Aug 2.51

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



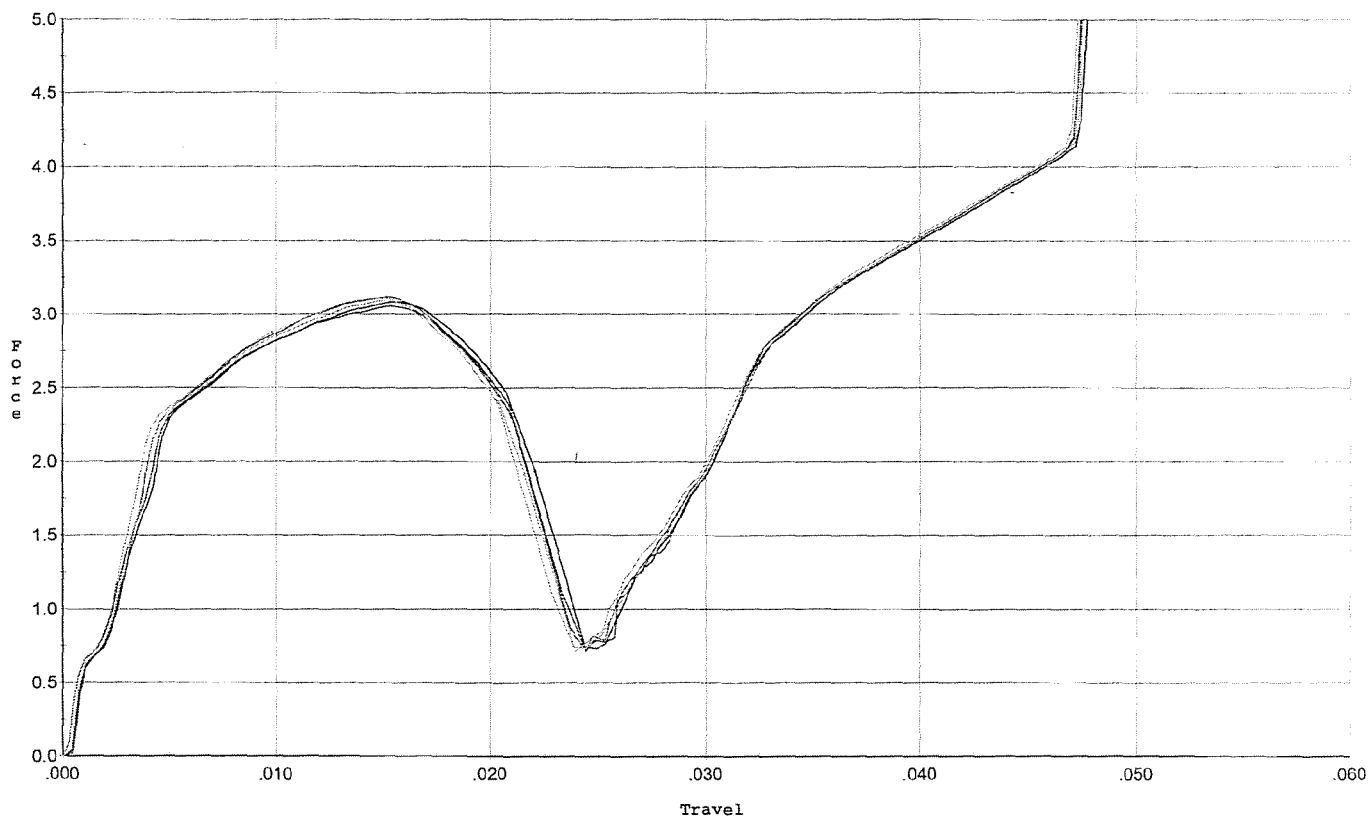
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.566	0.021	0.00	0.032	0.038		Set Trigger
2	2.464	0.021	0.00	0.031	0.039		Set Trigger
3	2.441	0.020	0.00	0.032	0.037		Set Trigger
4	2.474	0.021	0.00	0.031	0.039		Set Trigger
5	2.441	0.021	0.00	0.031	0.038		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



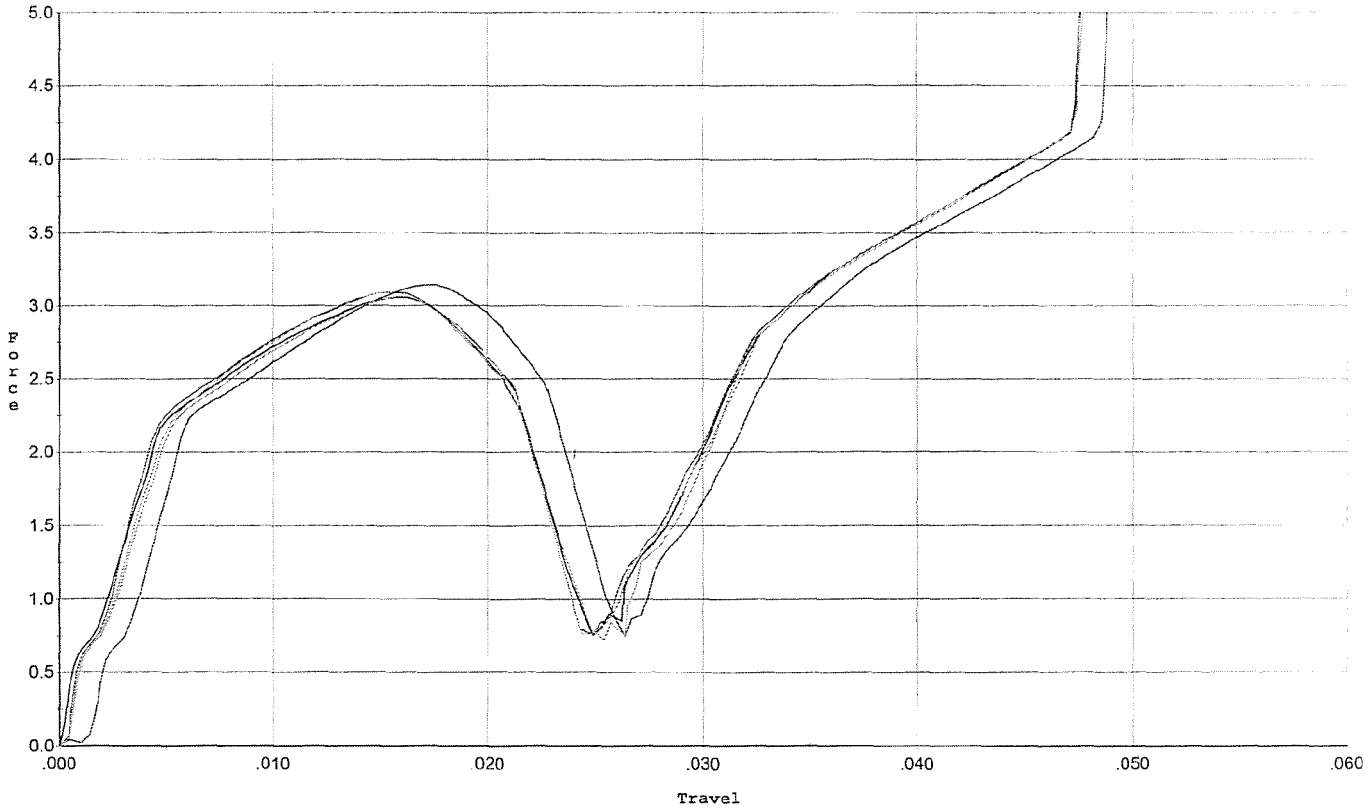
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.054	0.021	0.00	0.030	0.047		Set Trigger
2	3.082	0.022	0.00	0.030	0.049		Set Trigger
3	3.117	0.021	0.00	0.030	0.048		Set Trigger
4	3.091	0.022	0.00	0.030	0.049		Set Trigger
5	3.110	0.020	0.00	0.030	0.047		Set Trigger

Aug 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



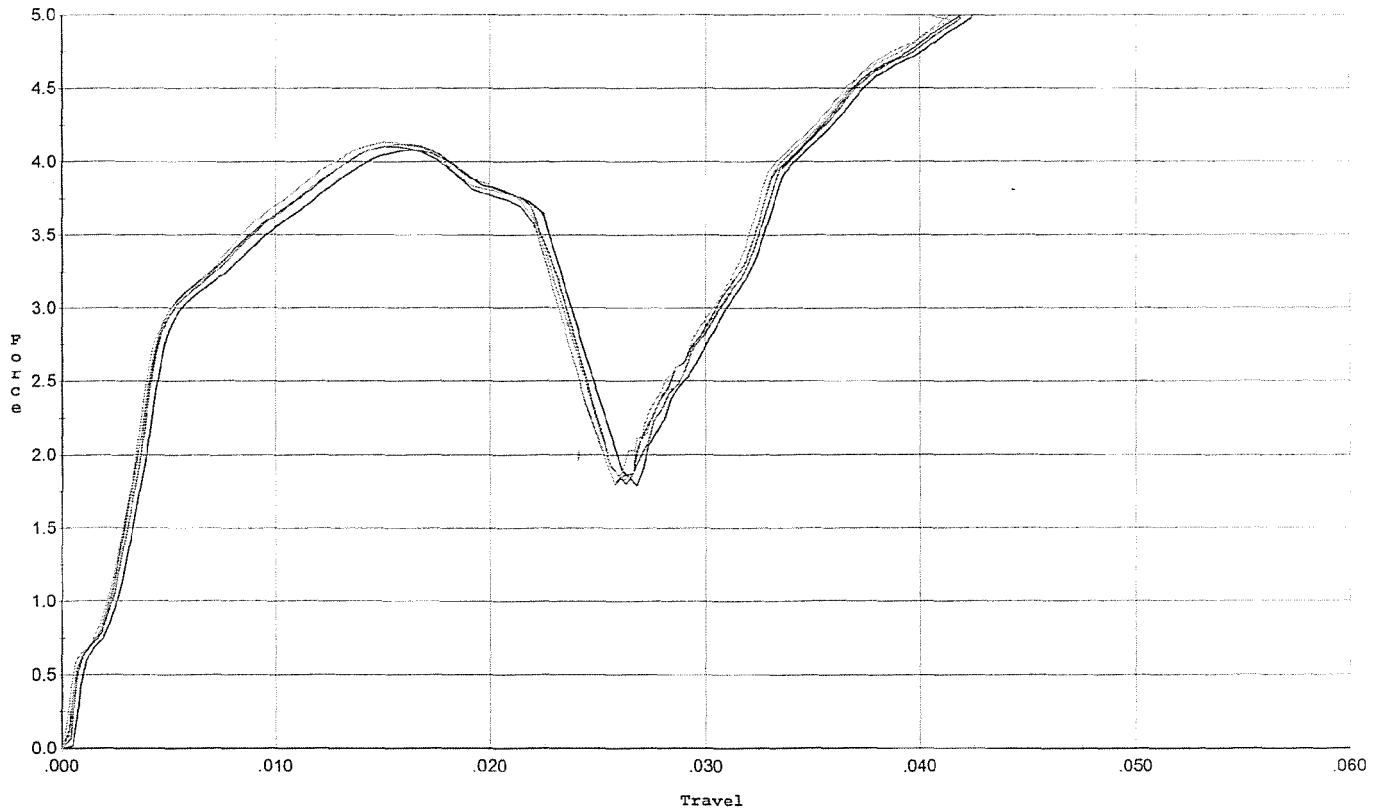
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.142	0.023	0.00	0.030	0.049		Set Trigger
2	3.059	0.021	0.00	0.030	0.048		Set Trigger
3	3.096	0.022	0.00	0.029	0.048		Set Trigger
4	3.093	0.022	0.00	0.030	0.048		Set Trigger
5	3.064	0.021	0.00	0.030	0.047		Set Trigger

Aug 3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



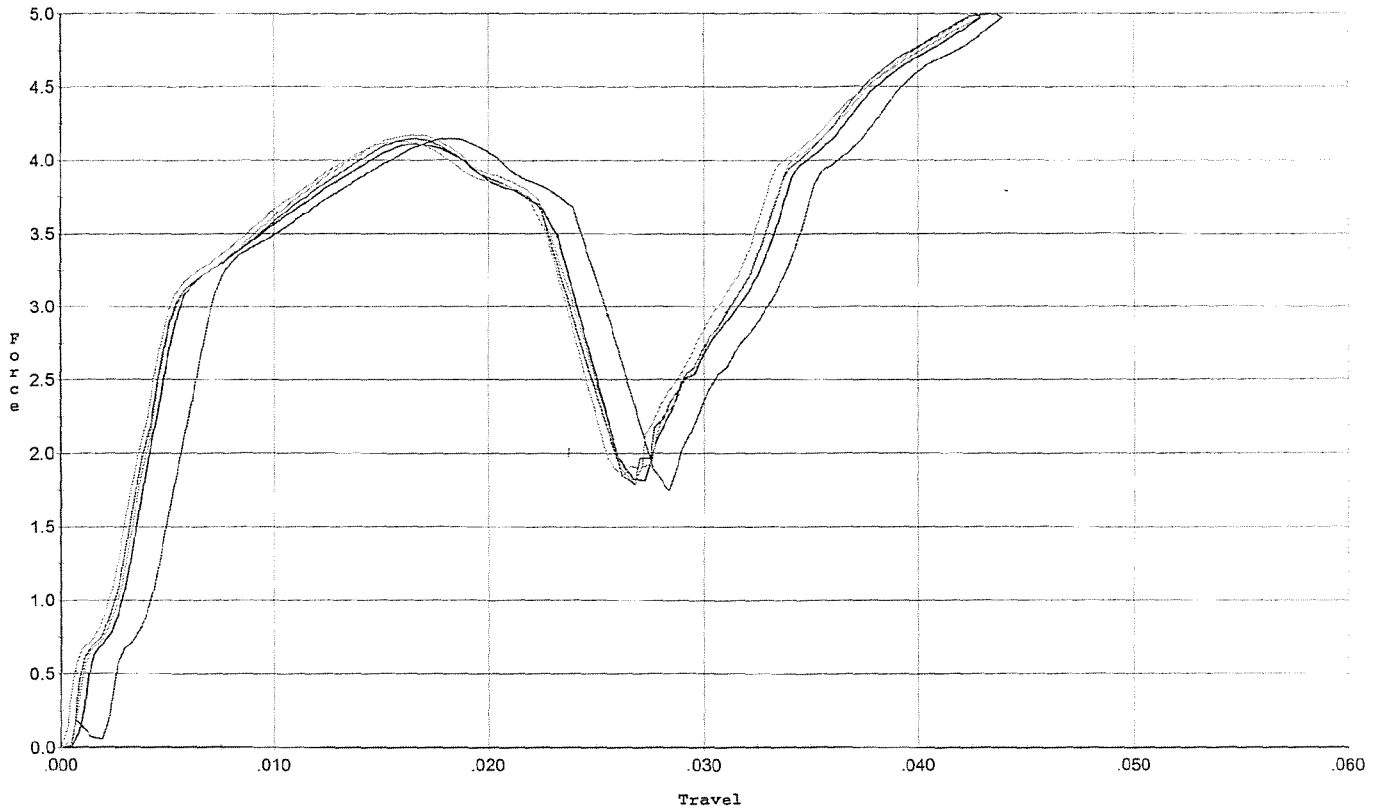
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.104	0.022	0.00	0.027	0.065		Set Trigger
2	4.077	0.022	0.00	0.027	0.065		Set Trigger
3	4.118	0.023	0.00	0.027	0.068		Set Trigger
4	4.135	0.022	0.00	0.026	0.066		Set Trigger
5	4.115	0.024	0.00	0.027	0.070		Set Trigger

Aug 4.11

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



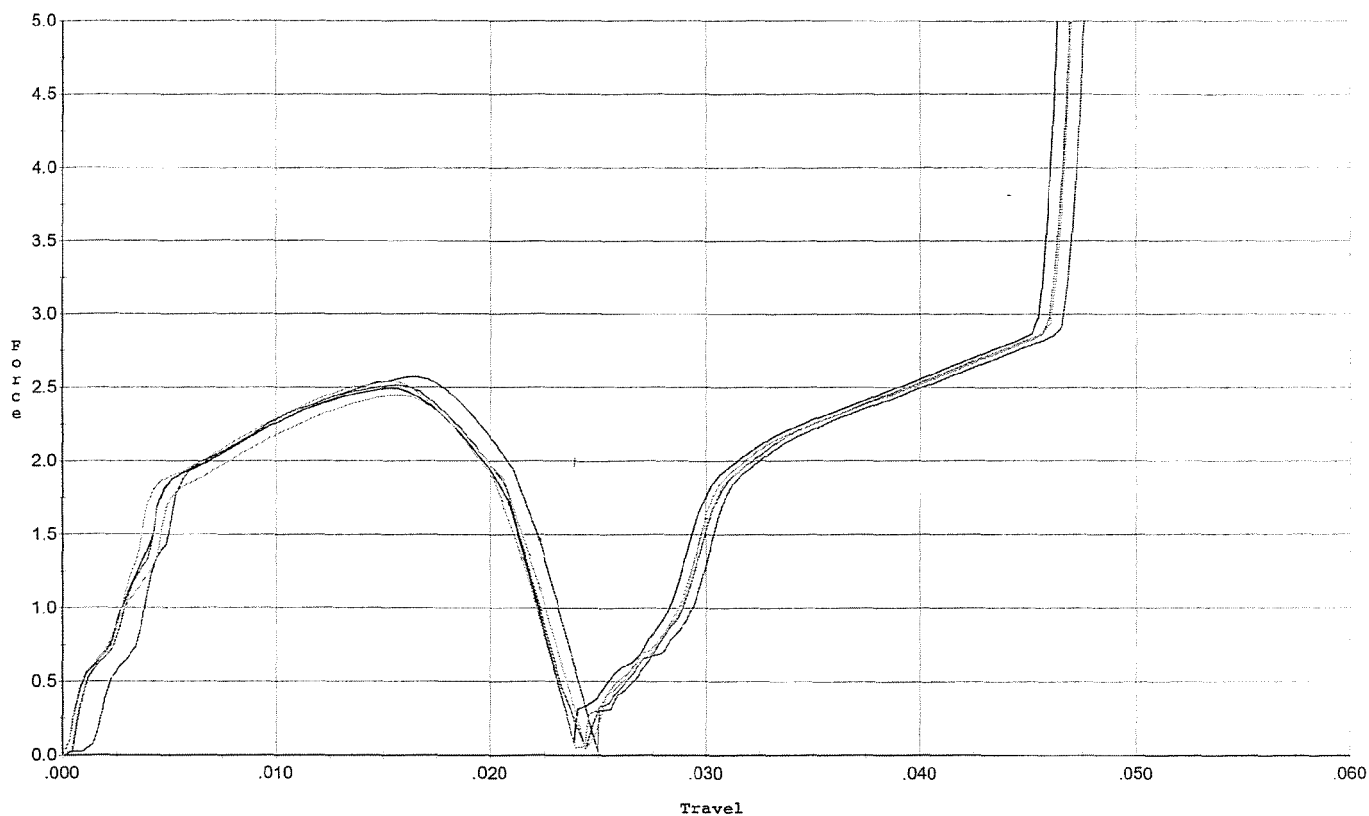
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.151	0.026	0.002	0.024	0.071		Set Trigger
2	4.109	0.023	0.00	0.027	0.067		Set Trigger
3	4.147	0.022	0.00	0.027	0.066		Set Trigger
4	4.170	0.024	0.00	0.027	0.070		Set Trigger
5	4.128	0.023	0.00	0.027	0.068		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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



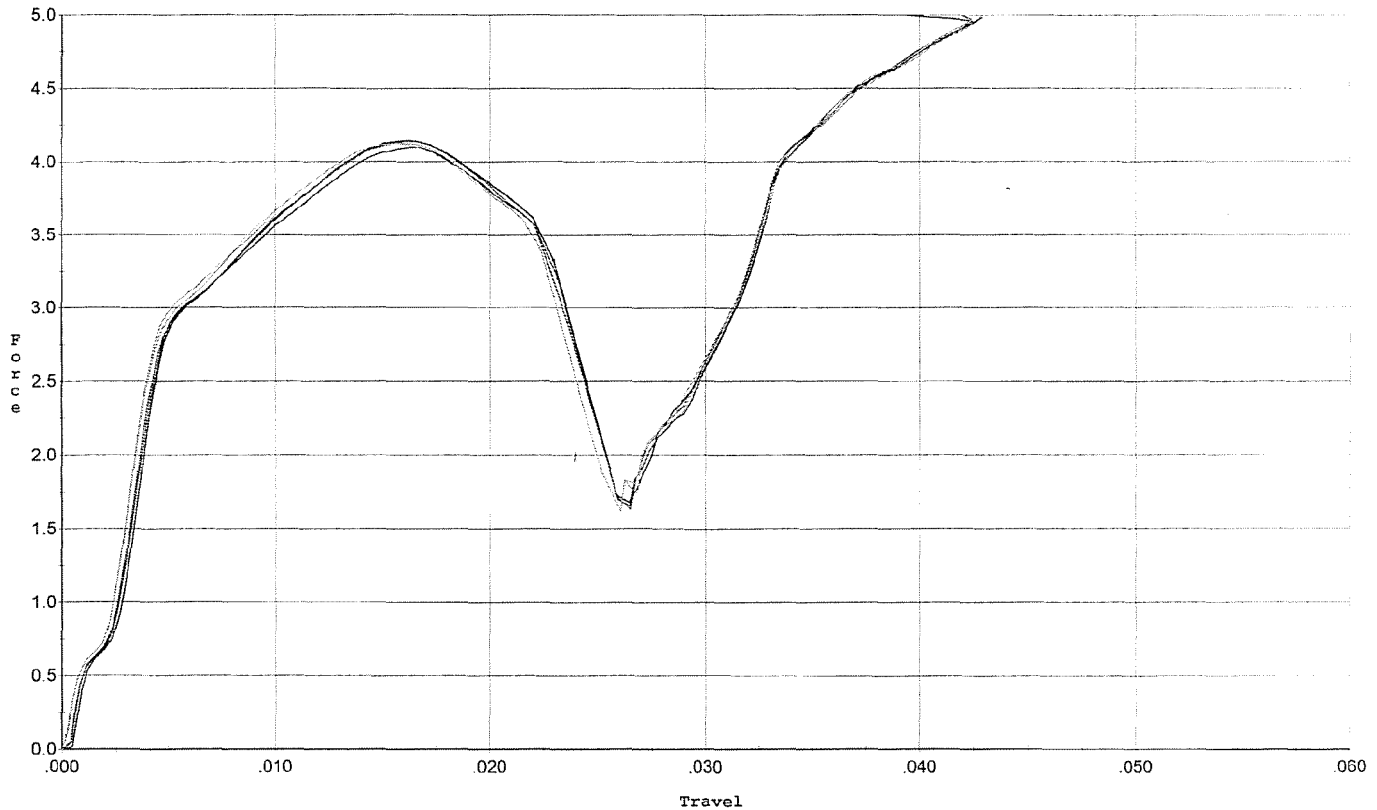
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.575	0.022	0.00	0.030	0.040		Set Trigger
2	2.496	0.021	0.00	0.030	0.038		Set Trigger
3	2.516	0.021	0.00	0.030	0.038		Set Trigger
4	2.450	0.022	0.00	0.030	0.039		Set Trigger
5	2.540	0.021	0.00	0.030	0.039		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 4/30/09

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	4.100	0.023	0.00	0.026	0.067		Set Trigger
2	4.146	0.023	0.00	0.026	0.067		Set Trigger
3	4.142	0.024	0.00	0.027	0.069		Set Trigger
4	4.123	0.022	0.00	0.027	0.066		Set Trigger
5	4.129	0.022	0.00	0.027	0.066		Set Trigger

Aug 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590134.___0
FILE DATE AND TIME: 10/15/2007 14:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.152
The Average Y Centroid of the Five Target Set:	-0.188
The Average Point of Impact of the Five Target Set:	0.242
The Average Mean Radius of the Five Target Set:	0.874
The Distance from POA to Centroid Target #1:	0.555
The Distance from Centroid Target #2 to Centroid Target #1:	0.627
The Distance from Centroid Target #3 to Centroid Target #1:	0.310
The Distance from Centroid Target #4 to Centroid Target #1:	0.547
The Distance from Centroid Target #5 to Centroid Target #1:	0.331

SERIAL NUMBER: G6590134. __ 0

TARGET NUMBER: 1

FILE DATE: 10/15/2007

FILE TIME: 14:23

POINT#	X	Y
1:	2.246	-0.696
2:	2.198	-0.285
3:	0.367	-1.263
4:	0.074	-1.395
5:	0.370	-0.642
6:	-0.045	-0.447
7:	-0.800	0.320
8:	-0.523	0.777
9:	0.140	0.757
10:	0.990	0.507

X CENTROID: 0.502

Y CENTROID: -0.237

POA TO CENTROID: 0.555

HORZ SPREAD: 3.046

VERT SPREAD: 2.172

GROUP SPREAD: 3.211

MIN RADIUS: 0.426

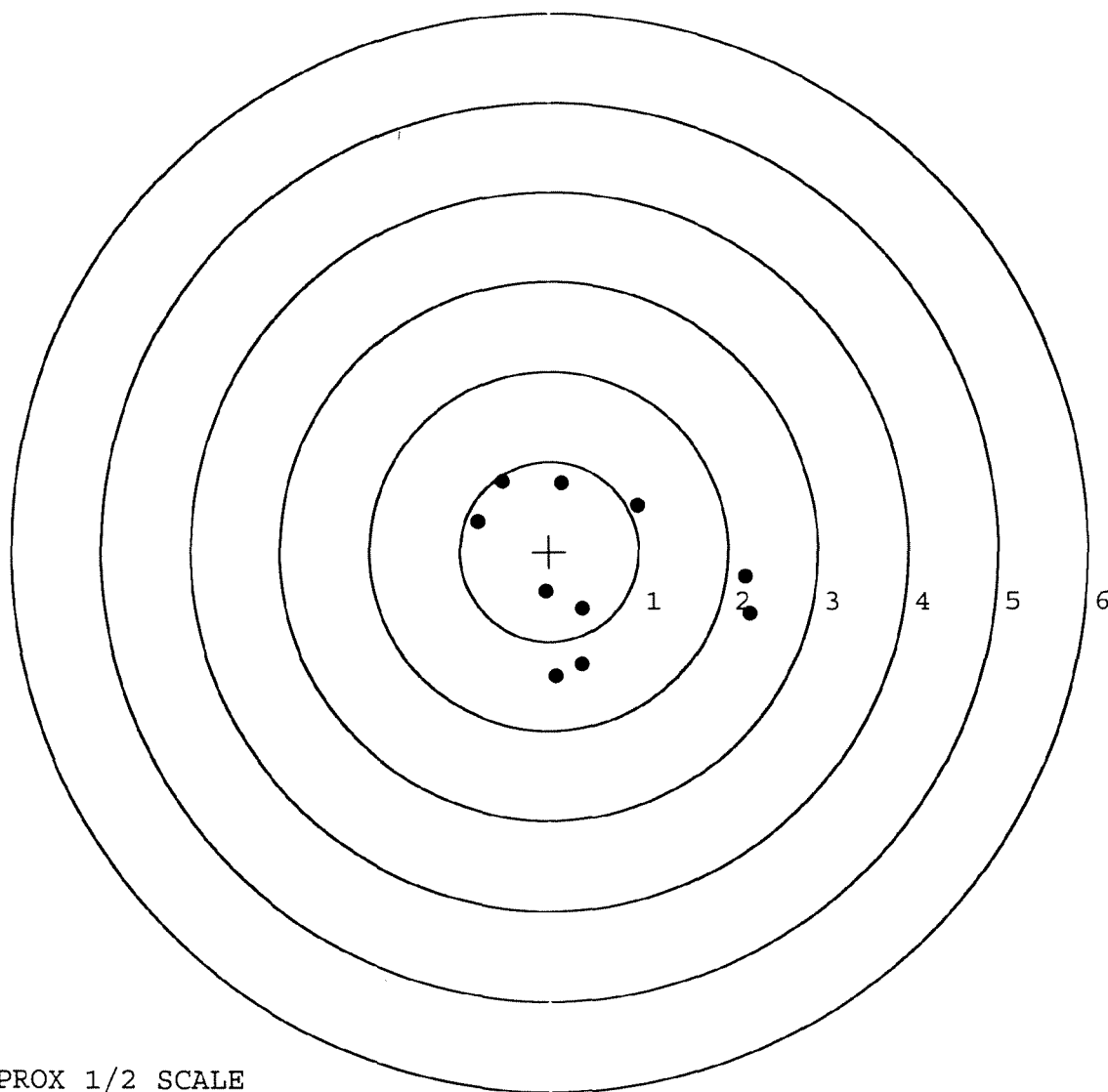
MAX RADIUS: 1.804

MEAN RADIUS: 1.159

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

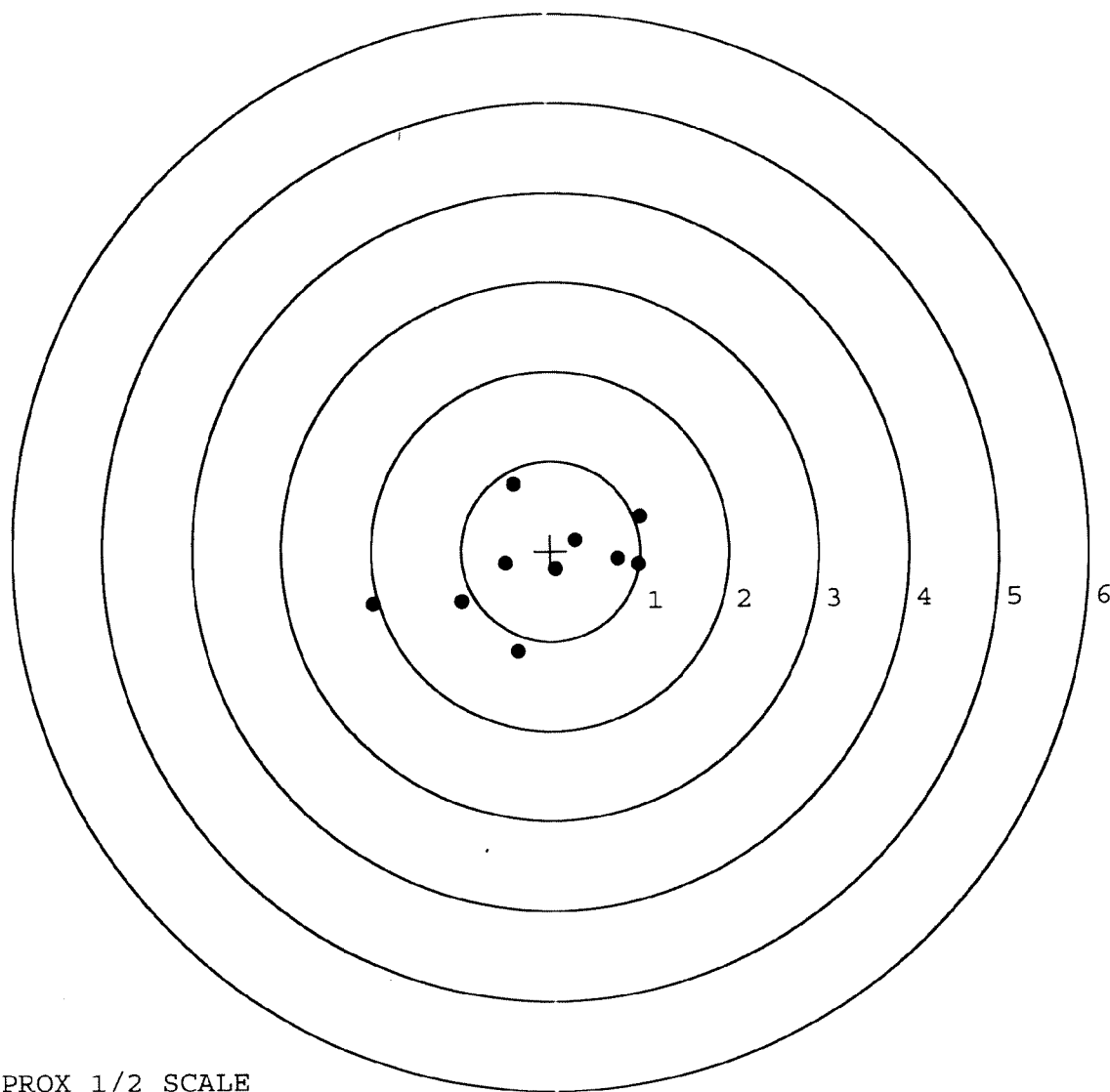


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. 0
TARGET NUMBER: 2
FILE DATE: 10/15/2007
FILE TIME: 14:23

X CENTROID: -0.121
Y CENTROID: -0.162
POA TO CENTROID: 0.203
HORZ SPREAD: 2.984
VERT SPREAD: 1.860
GROUP SPREAD: 3.135
MIN RADIUS: 0.185
MAX RADIUS: 1.908
MEAN RADIUS: 0.909
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.378	-1.116
2:	-0.999	-0.560
3:	-0.512	-0.144
4:	-1.982	-0.581
5:	0.060	-0.202
6:	0.274	0.116
7:	0.749	-0.099
8:	0.985	-0.162
9:	1.002	0.379
10:	-0.408	0.744



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __ 0

TARGET NUMBER: 3

FILE DATE: 10/15/2007

FILE TIME: 14:23

X CENTROID: 0.227

Y CENTROID: -0.094

POA TO CENTROID: 0.245

HORZ SPREAD: 2.053

VERT SPREAD: 1.950

GROUP SPREAD: 2.020

MIN RADIUS: 0.262

MAX RADIUS: 1.304

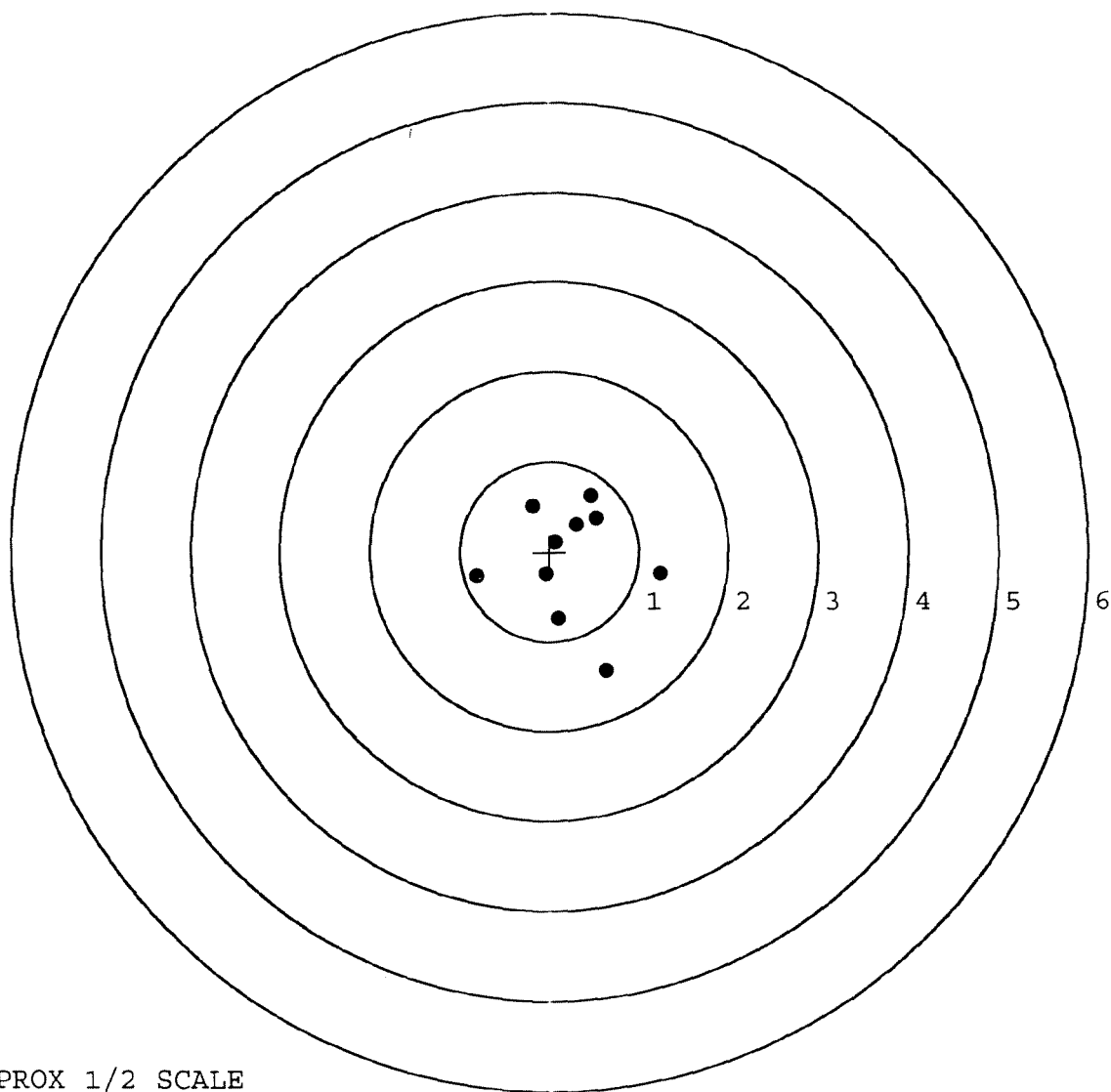
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.632	-1.333
2:	1.234	-0.247
3:	0.103	-0.747
4:	-0.045	-0.249
5:	-0.819	-0.275
6:	0.064	0.112
7:	0.304	0.305
8:	0.526	0.371
9:	0.460	0.617
10:	-0.192	0.511



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __0

TARGET NUMBER: 4

FILE DATE: 10/15/2007

FILE TIME: 14:23

POINT#	X	Y
1:	1.006	-0.432
2:	1.074	0.508
3:	0.356	-0.377
4:	0.263	0.375
5:	-0.149	0.721
6:	-0.042	-0.218
7:	-0.366	-0.380
8:	-0.246	-0.588
9:	-0.915	-0.478
10:	-1.298	-0.264

X CENTROID: -0.032

Y CENTROID: -0.113

POA TO CENTROID: 0.118

HORZ SPREAD: 2.372

VERT SPREAD: 1.309

GROUP SPREAD: 2.494

MIN RADIUS: 0.105

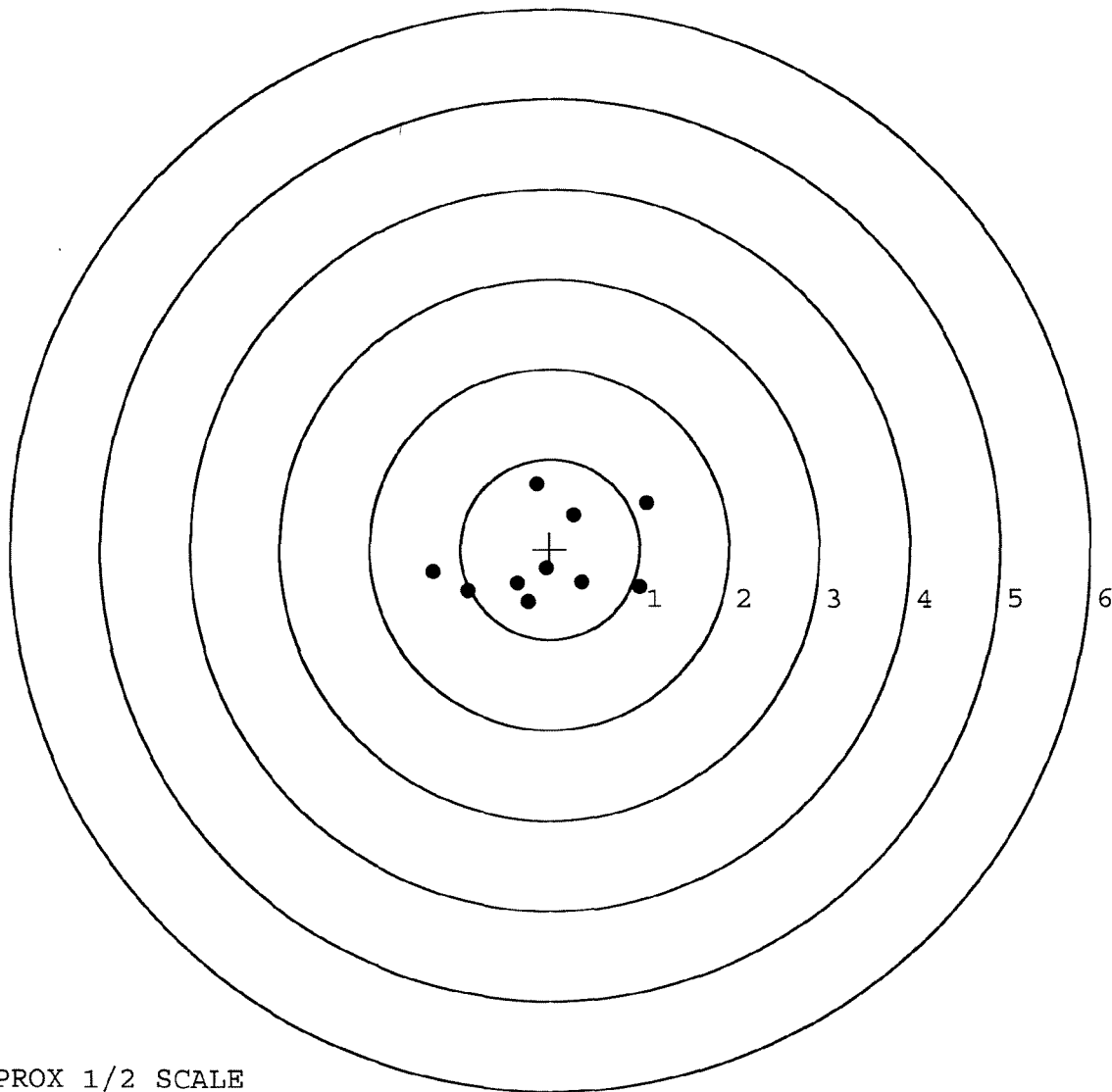
MAX RADIUS: 1.275

MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __ 0

TARGET NUMBER: 5

FILE DATE: 10/15/2007

FILE TIME: 14:23

POINT#	X	Y
1:	1.114	-1.451
2:	1.647	-0.568
3:	1.075	-0.128
4:	0.494	0.065
5:	0.134	-0.396
6:	-0.048	-0.396
7:	-0.198	-0.649
8:	-0.954	-0.301
9:	-0.775	0.113
10:	-0.636	0.368

X CENTROID: 0.185

Y CENTROID: -0.334

POA TO CENTROID: 0.382

HORZ SPREAD: 2.601

VERT SPREAD: 1.819

GROUP SPREAD: 2.615

MIN RADIUS: 0.080

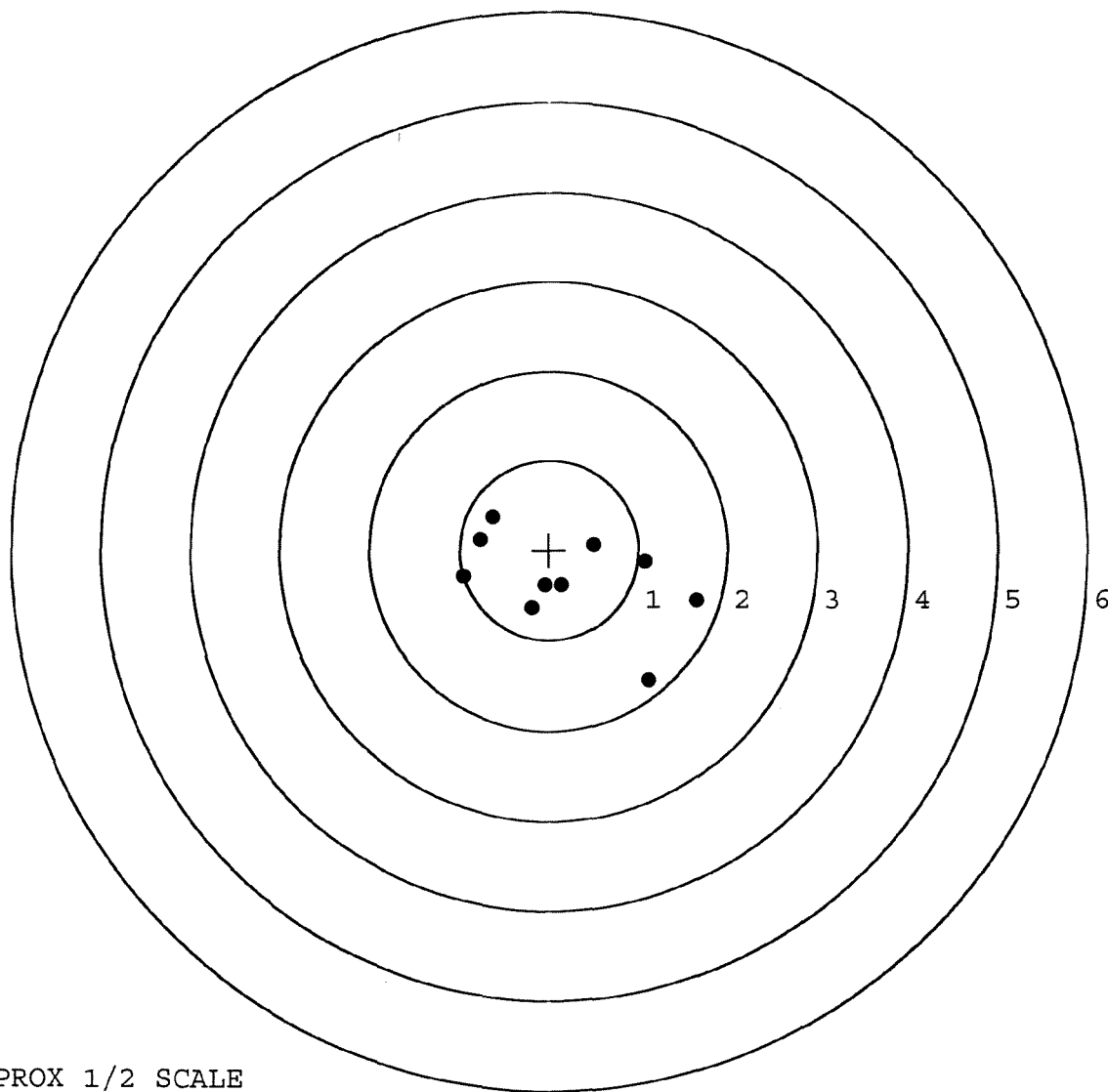
MAX RADIUS: 1.480

MEAN RADIUS: 0.845

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SOFT CASE
Deployment KIT
OLING

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: RE00133034

Serial: E6413473 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:12:50 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK

PO Box:

BLDG 299 GILLESPIE AVE BECK

PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglet

8/22/2007

7:54 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:54 AM

Serial Number:

~~E6413473~~

Model: M24 SWS



RE00133034

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590134.___0
FILE DATE AND TIME: 10/15/2007 14:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.152
The Average Y Centroid of the Five Target Set:	-0.188
The Average Point of Impact of the Five Target Set:	0.242
The Average Mean Radius of the Five Target Set:	0.874
The Distance from POA to Centroid Target #1:	0.555
The Distance from Centroid Target #2 to Centroid Target #1:	0.627
The Distance from Centroid Target #3 to Centroid Target #1:	0.310
The Distance from Centroid Target #4 to Centroid Target #1:	0.547
The Distance from Centroid Target #5 to Centroid Target #1:	0.331

SERIAL NUMBER: G6590134. __0

TARGET NUMBER: 1

FILE DATE: 10/15/2007

FILE TIME: 14:23

POINT#	X	Y
--------	---	---

1:	2.246	-0.696
----	-------	--------

2:	2.198	-0.285
----	-------	--------

3:	0.367	-1.263
----	-------	--------

4:	0.074	-1.395
----	-------	--------

5:	0.370	-0.642
----	-------	--------

6:	-0.045	-0.447
----	--------	--------

7:	-0.800	0.320
----	--------	-------

8:	-0.523	0.777
----	--------	-------

9:	0.140	0.757
----	-------	-------

10:	0.990	0.507
-----	-------	-------

X CENTROID: 0.502

Y CENTROID: -0.237

POA TO CENTROID: 0.555

HORZ SPREAD: 3.046

VERT SPREAD: 2.172

GROUP SPREAD: 3.211

MIN RADIUS: 0.426

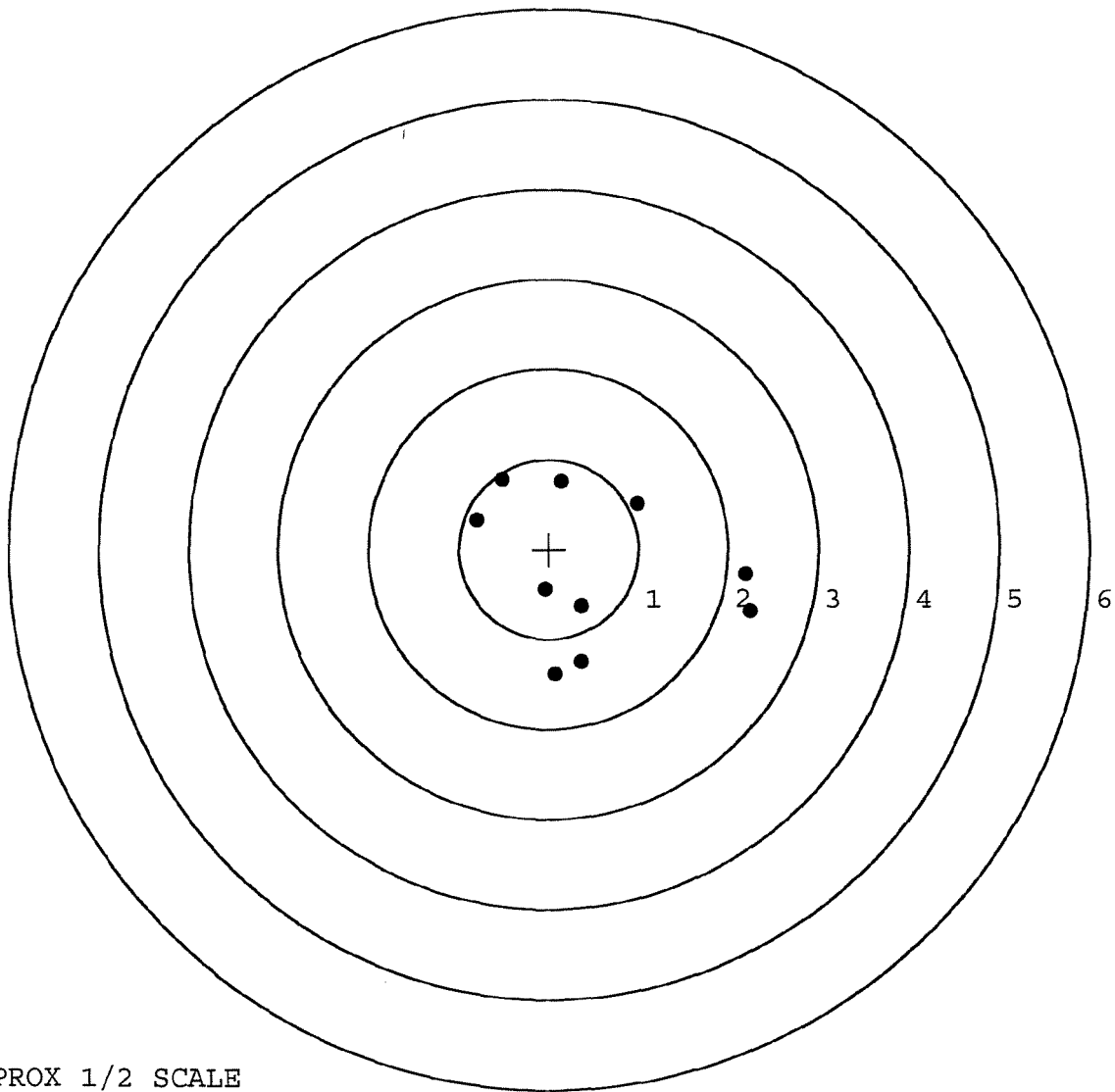
MAX RADIUS: 1.804

MEAN RADIUS: 1.159

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

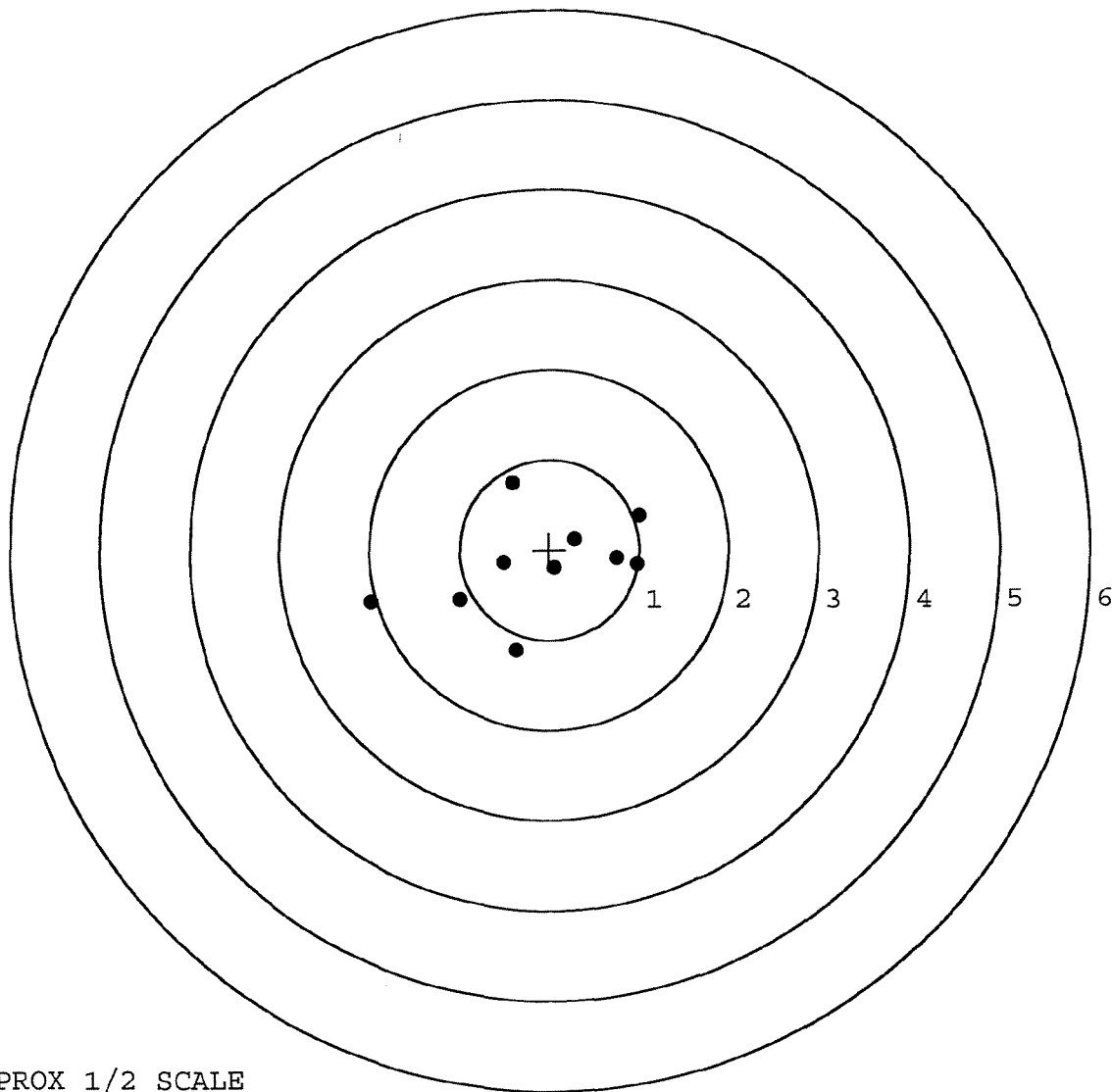


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __0
TARGET NUMBER: 2
FILE DATE: 10/15/2007
FILE TIME: 14:23

POINT#	X	Y
1:	-0.378	-1.116
2:	-0.999	-0.560
3:	-0.512	-0.144
4:	-1.982	-0.581
5:	0.060	-0.202
6:	0.274	0.116
7:	0.749	-0.099
8:	0.985	-0.162
9:	1.002	0.379
10:	-0.408	0.744

X CENTROID: -0.121
Y CENTROID: -0.162
POA TO CENTROID: 0.203
HORZ SPREAD: 2.984
VERT SPREAD: 1.860
GROUP SPREAD: 3.135
MIN RADIUS: 0.185
MAX RADIUS: 1.908
MEAN RADIUS: 0.909
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

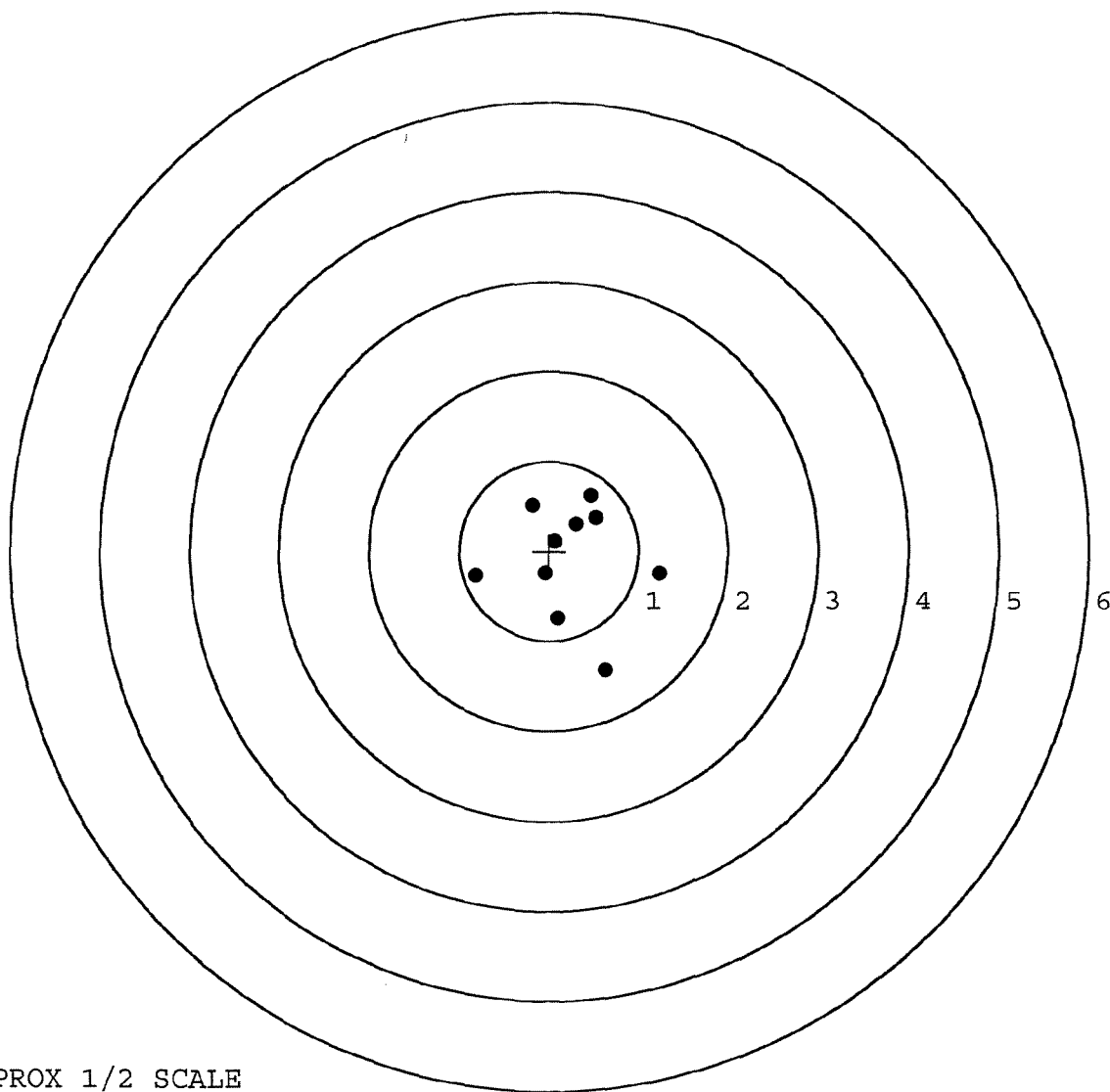


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __0
TARGET NUMBER: 3
FILE DATE: 10/15/2007
FILE TIME: 14:23

POINT#	X	Y
1:	0.632	-1.333
2:	1.234	-0.247
3:	0.103	-0.747
4:	-0.045	-0.249
5:	-0.819	-0.275
6:	0.064	0.112
7:	0.304	0.305
8:	0.526	0.371
9:	0.460	0.617
10:	-0.192	0.511

X CENTROID: 0.227
Y CENTROID: -0.094
POA TO CENTROID: 0.245
HORZ SPREAD: 2.053
VERT SPREAD: 1.950
GROUP SPREAD: 2.020
MIN RADIUS: 0.262
MAX RADIUS: 1.304
MEAN RADIUS: 0.707
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __0

TARGET NUMBER: 4

FILE DATE: 10/15/2007

FILE TIME: 14:23

X CENTROID: -0.032

Y CENTROID: -0.113

POA TO CENTROID: 0.118

HORZ SPREAD: 2.372

VERT SPREAD: 1.309

GROUP SPREAD: 2.494

MIN RADIUS: 0.105

MAX RADIUS: 1.275

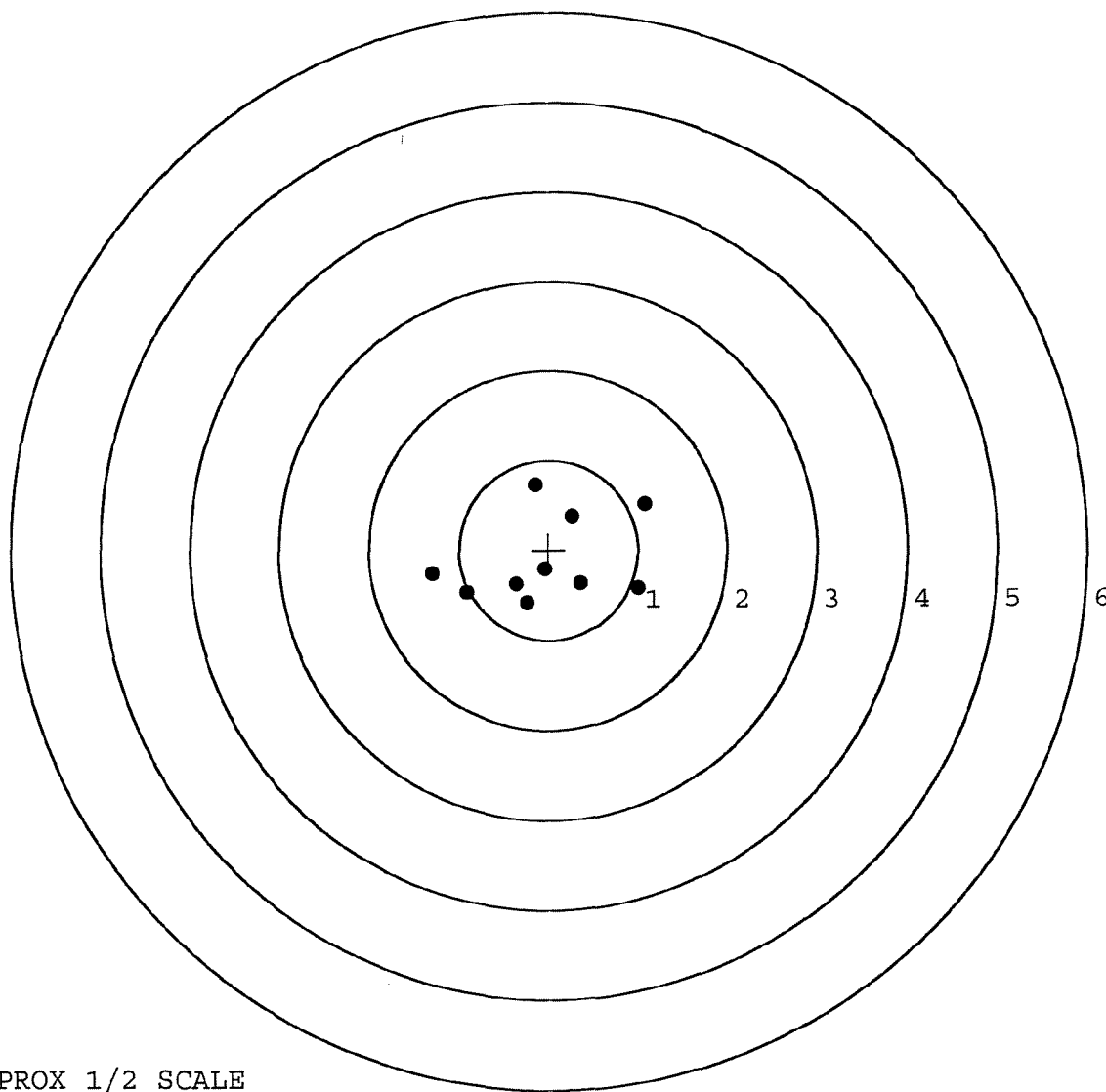
MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.006	-0.432
2:	1.074	0.508
3:	0.356	-0.377
4:	0.263	0.375
5:	-0.149	0.721
6:	-0.042	-0.218
7:	-0.366	-0.380
8:	-0.246	-0.588
9:	-0.915	-0.478
10:	-1.298	-0.264

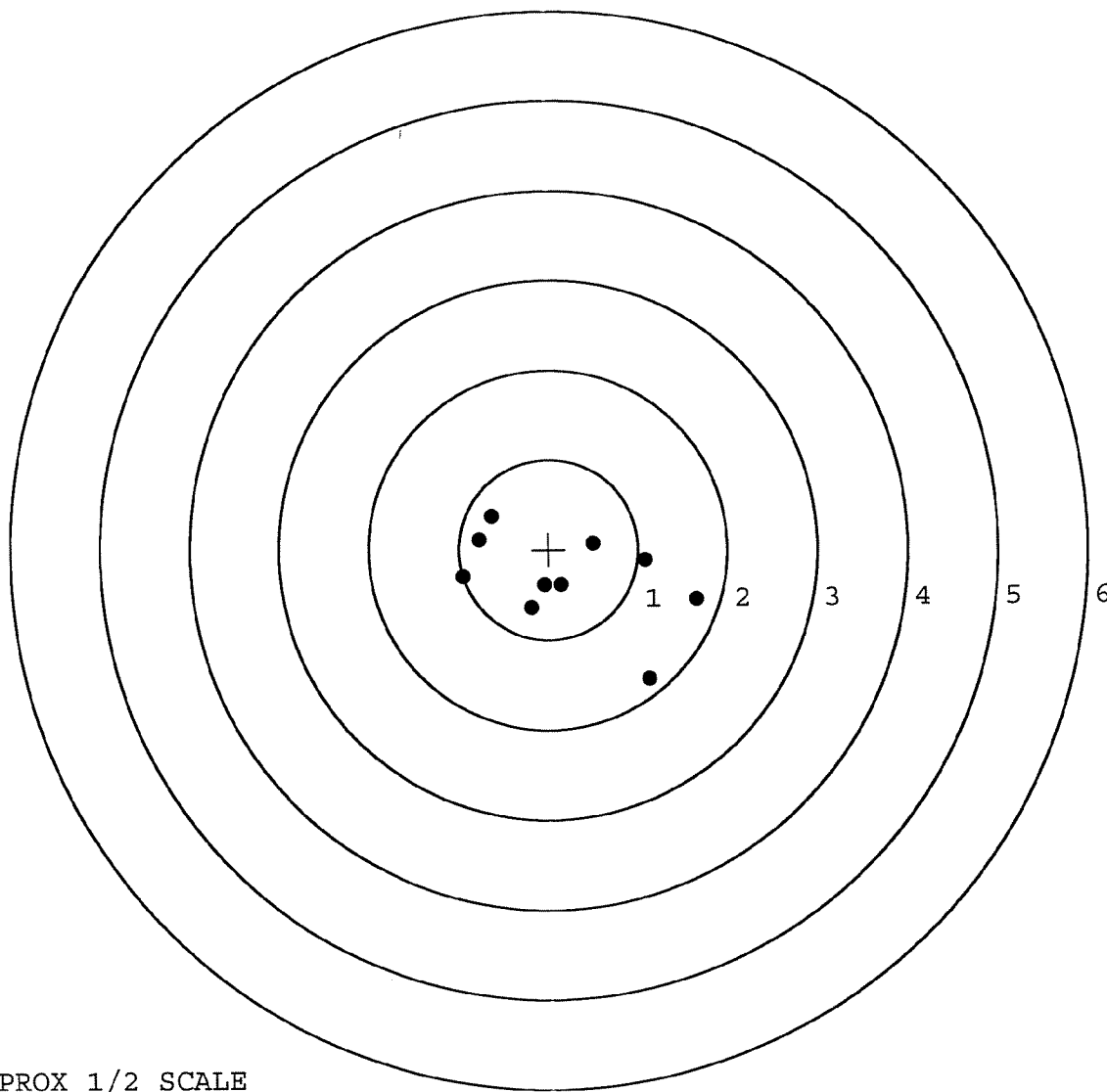


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590134. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2007
FILE TIME: 14:23

X CENTROID: 0.185
Y CENTROID: -0.334
POA TO CENTROID: 0.382
HORZ SPREAD: 2.601
VERT SPREAD: 1.819
GROUP SPREAD: 2.615
MIN RADIUS: 0.080
MAX RADIUS: 1.480
MEAN RADIUS: 0.845
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.114	-1.451
2:	1.647	-0.568
3:	1.075	-0.128
4:	0.494	0.065
5:	0.134	-0.396
6:	-0.048	-0.396
7:	-0.198	-0.649
8:	-0.954	-0.301
9:	-0.775	0.113
10:	-0.636	0.368



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>133034</u>		<u>G6590134 (New)</u>	
SERIAL NUMBER <u>E6413473</u>			
LOG-IN DATE <u>8-22-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-2-07	RTZ
505	RE-BARREL	10-3-07	RTZ
560	ASSEMBLE	10-3-07	RTZ
600	PROOF	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	TRW
610	DIS-ASSEMBLE GUN	10-5-07	RTZ
612	MAGNAFLUX	10-5-07	RTZ
510	DRILL AND TAP	10-5-07	TRW
615	ROLLMARK CALIBER	10-5-07	CW
618	ROTO-BLAST	10-8-07	TRW
620	APPLY COATINGS	10-9-07	TRW
625	FINAL ASSEMBLY	10-11-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-12-07 RTZ
650	TARGET	PASS FAIL	10-13-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		10-13-07 DL
	A) HEADSPACE	PASS FAIL	10-12-07 RTZ
	B) TRIGGER PULL	271 2.68 2.72 2.82 2.73	10-19-07 TRW
680	F) SAFETY ON FORCE	4.5 4.5 4.5	10-22-07 DA
	G) SAFETY OFF FORCE	2.2 2.2 2.2	10-22-07 DA
	I) FIRING PIN INDENT	.023 .022 .022	10-22-07 DA
690	PACK		10-22-07 DA

Repair Number: **RE00021293** Serial: C6702827 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/22/01 10:31:23 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: TRANSPORTATION OFFICE TRANSPORTATION OFFICE

Address 1: BLDG 873 BLDG 873

Address 2: BASTOGNE AVE BASTOGNE AVE PO Box: PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 42223 Country: US State: KY Zip Code: 42223 Country: US

FFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A017	Scope Base	1
X	BI-POD	1

Repair Search Refresh Close

1/22/01 11:27 AM NUM

Start Int Na Ar Exp Mic Ass Pa RD RE 11:27 AM

~~C6702827~~ E 6413473

Model: 700 E 6413473

RE00021293

Final Inspection

S.N. E6413473

DATE REC'D: 1-22-01

DATE RET'D:

AUDITOR: CK

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:

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

R & E NUMBER <u>21293</u>			
SERIAL NUMBER <u>E 641 3473</u>			
LOG-IN DATE <u>1-22-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-27-01	ck
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-30-01	ck
605	CHECK HEADSPACE	1-30-01	ck
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-7-01	ck
655	FINAL INSPECT	2-12-01	ck
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413473
23 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .185
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .185091

THE AMR FOR THIS RIFLE IS: 1.649

CENTROIDAL DISTANCES

0 TO 1	.566683
1 TO 2	.765252
1 TO 3	1.23833
1 TO 4	1.01196
1 TO 5	.964751

3
54
2 + <----POA
1

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .567

MIN RADIUS : .292

MEAN RADIUS : 1.818

MAX RADIUS : 4.012

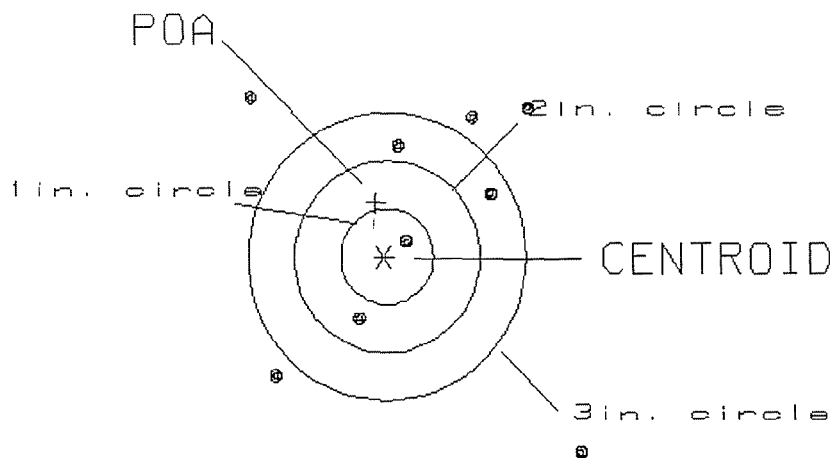
CENTROID X : .093

CENTROID Y : -.559

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 5.15

1

VS= 4.24

2

GS= 6.23

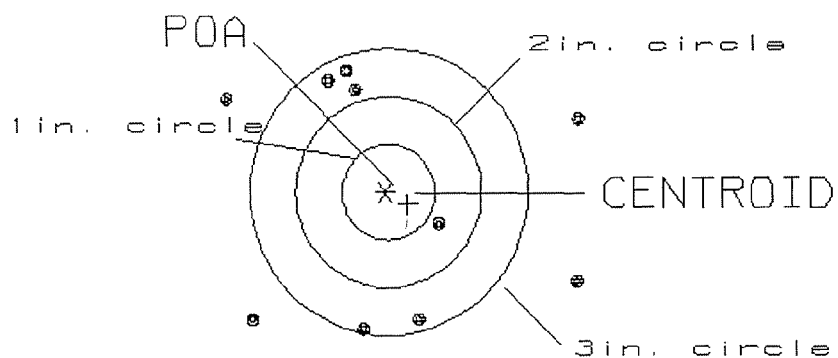
4

PATTERN #: 2
 POA TO CENTROID: .273
 MIN RADIUS : .572
 MEAN RADIUS : 1.561
 MAX RADIUS : 2.259
 CENTROID X : -.240
 CENTROID Y : .130

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.81

0

VS= 2.68

1

GS= 4.25

6

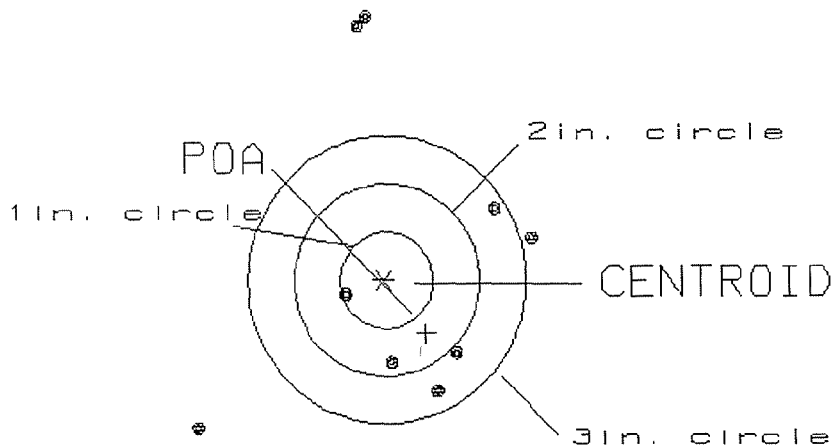
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .716
 MIN RADIUS : .490
 MEAN RADIUS : 1.711
 MAX RADIUS : 2.781
 CENTROID X : -.460
 CENTROID Y : .549

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.64

1

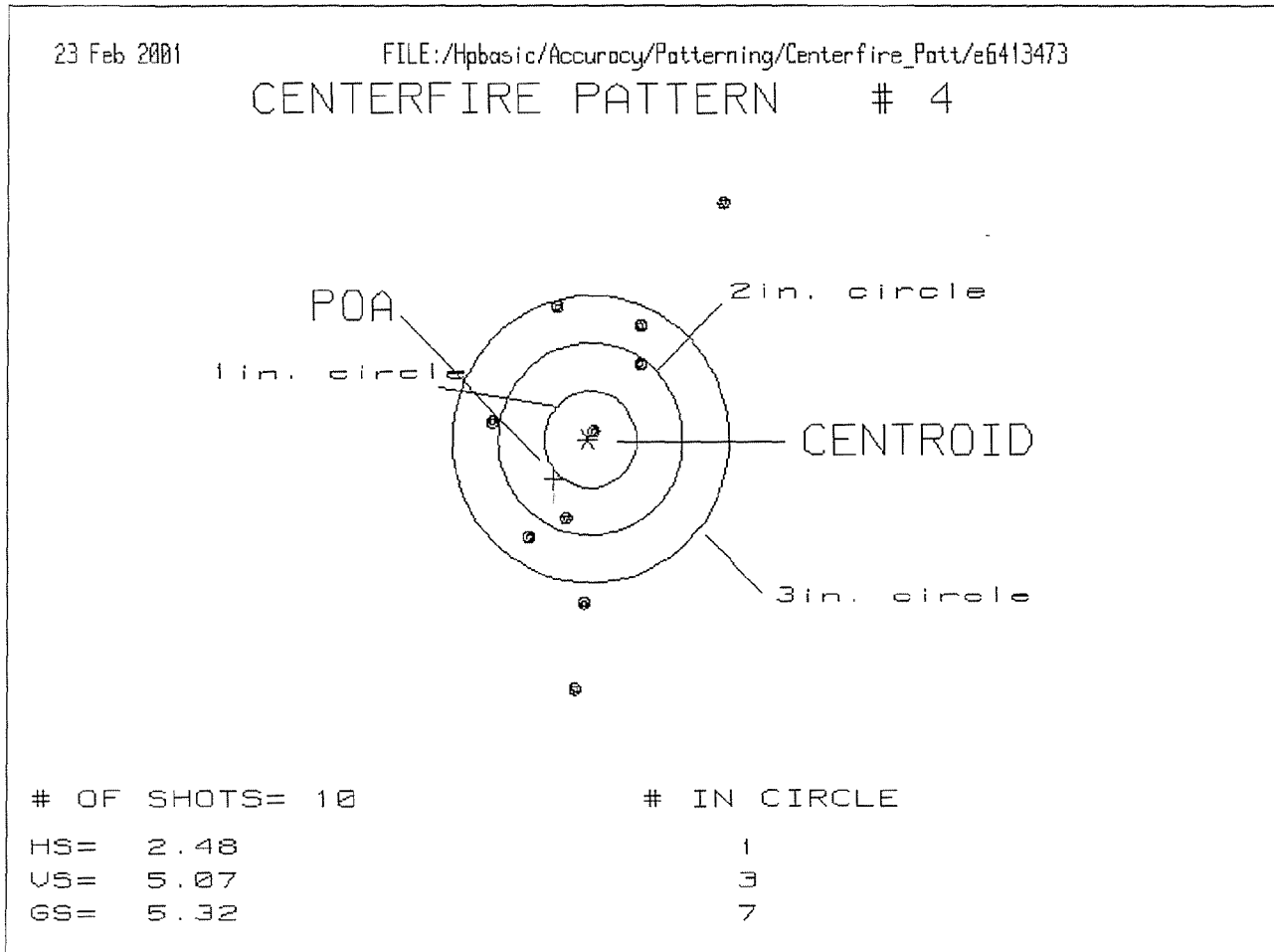
VS= 4.96

2

GS= 5.02

5

PATTERN #: 4
 POA TO CENTROID: .553
 MIN RADIUS : .103
 MEAN RADIUS : 1.406
 MAX RADIUS : 2.854
 CENTROID X : .364
 CENTROID Y : .416



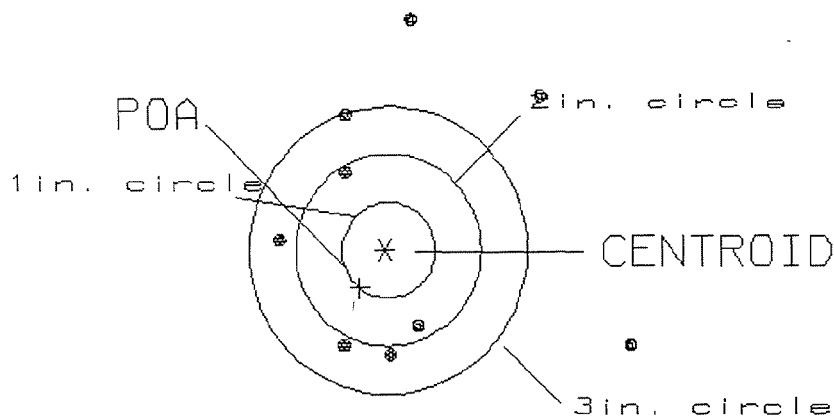
PATTERN #: 5

POA TO CENTROID: .475
 MIN RADIUS : .892
 MEAN RADIUS : 1.748
 MAX RADIUS : 3.337
 CENTROID X : .272
 CENTROID Y : .389

23 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.89
 VS= 4.65
 GS= 5.66

0
 2
 6

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413473
1 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0906
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1012
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .13583

THE AMR FOR THIS RIFLE IS: .8036

CENTROIDAL DISTANCES

Ø TO 1	.31939
1 TO 2	.328494
1 TO 3	.0805047
1 TO 4	.184532
1 TO 5	.497081

5
2 <----POA
3 4

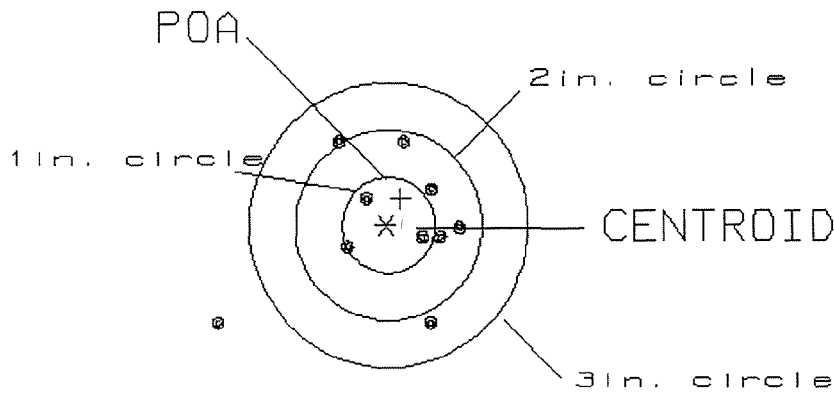
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .320
 MIN RADIUS : .370
 MEAN RADIUS : .831
 MAX RADIUS : 2.051
 CENTROID X : -.159
 CENTROID Y : -.277

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.60
 VS= 1.95
 GS= 2.78

3
 7
 9

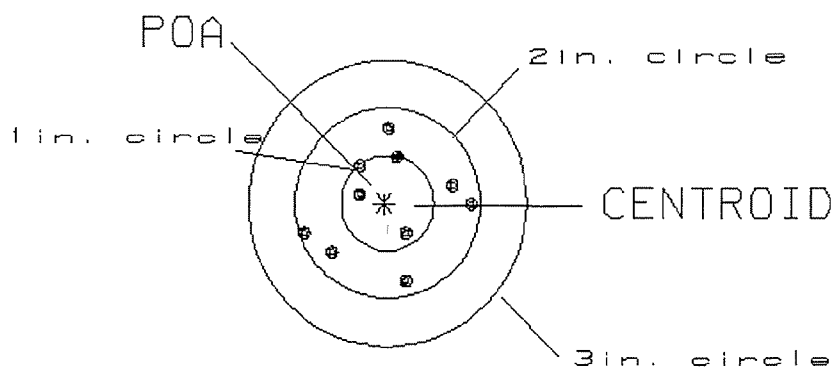
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .011
 MIN RADIUS : .304
 MEAN RADIUS : .668
 MAX RADIUS : .909
 CENTROID X : -.001
 CENTROID Y : .011

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.72

3

VS= 1.63

10

GS= 1.75

10

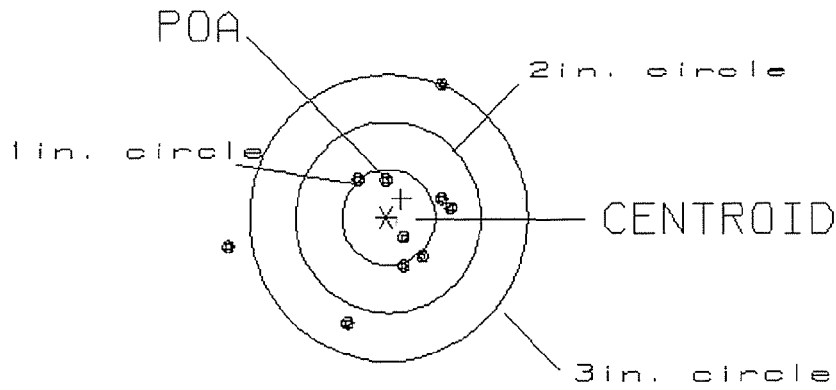
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .259
 MIN RADIUS : .250
 MEAN RADIUS : .786
 MAX RADIUS : 1.727
 CENTROID X : -.168
 CENTROID Y : -.197

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 2.49
 GS= 2.80

4
 7
 9

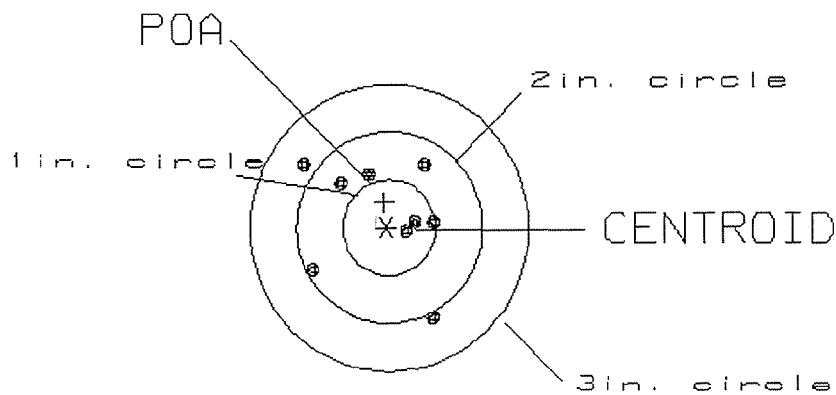
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .264
 MIN RADIUS : .214
 MEAN RADIUS : .734
 MAX RADIUS : 1.107
 CENTROID X : .025
 CENTROID Y : -.263

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.40

2

VS= 1.62

7

GS= 2.13

10

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .267

MIN RADIUS : .180

MEAN RADIUS : .999

MAX RADIUS : 2.274

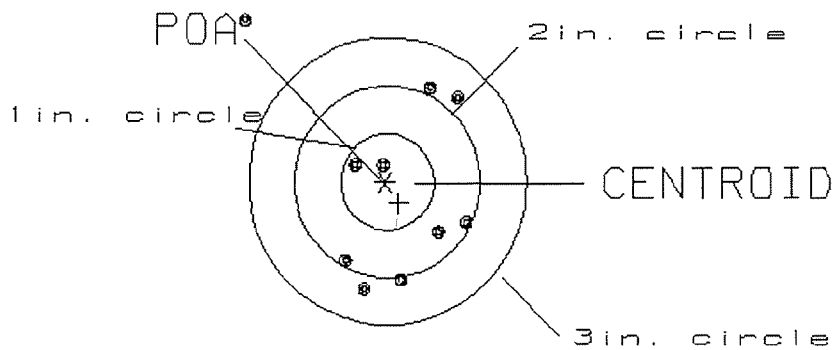
CENTROID X : -.150

CENTROID Y : .220

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413473

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.39

2

VS= 2.86

5

GS= 3.23

9

FINAL Inspection

SN: F 6413473

DATE REC'D: 1-22-01

DATE RET'D:

AUDITOR: CK

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:

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

R & E NUMBER <u>21293</u>			
SERIAL NUMBER <u>E6413473</u>			
LOG-IN DATE _____			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-27-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-30-01	CK
605	CHECK HEADSPACE	1-30-01	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-7-01	CK
655	FINAL INSPECT	2-12-01	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	