

FORM



UPC



0 47700 25716 2

C6649214

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: RE00146047

Serial: C6649214 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 6/3/2008 9:50:50 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
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1

Repair Search

Refresh

Close

nagletj

6/3/2008

12:57 PM

754%

NUM



Number: C6649214

Model: M24 SWS



RE00146047

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	146 047		
SERIAL NUMBER	C10649214		
LOG-IN DATE	6-3-08		
500	DIS-ASSEMBLE GUN	5-18-09	RTZ
505	RE-BARREL	5-26-09	RTZ
420	ASSEMBLE	5-26-09	RTZ
440	PROOF	5-26-09	RTZ
460	CHECK HEADSPACE	5-26-09	RTZ
470	DIS-ASSEMBLE GUN	5-26-09	RTZ
480	MAGNAFLUX	5-30-09	(N)
510	DRILL AND TAP	5-27-09	SP
500	ROLLMARK CALIBER	6-1-09	RT
520	GOFF BLAST BBL / REC	6-1-09	D4D
530 & 540	APPLY COATINGS	6-5	RTZ
560	FINAL ASSEMBLY	6-4-09	RTZ
640	FUNCTION TEST AND	6-4-09	RTZ
650	TARGET	6-4-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-4-09	RT
	A) HEADSPACE	6-5-09	RTZ
	B) TRIGGER PULL	275 273 273 273 271	RTZ
680	F) SAFETY ON FORCE	4.0 4.0 4.0	6-5-09 RTZ
	G) SAFETY OFF FORCE	6.0 6.0 5.0	6-5-09 RTZ
	I) FIRING PIN INDENT	.021 .021 .021	6-5-09 RTZ
690	PACK	6-5-09	RTZ

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6649214.___1
FILE DATE AND TIME: , 06/05/2009 07:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.109
The Average Y Centroid of the Five Target Set:	-0.011
The Average Point of Impact of the Five Target Set:	0.110
The Average Mean Radius of the Five Target Set:	0.607
The Distance from POA to Centroid Target #1:	0.208
The Distance from Centroid Target #2 to Centroid Target #1:	0.348
The Distance from Centroid Target #3 to Centroid Target #1:	0.185
The Distance from Centroid Target #4 to Centroid Target #1:	0.318
The Distance from Centroid Target #5 to Centroid Target #1:	0.136

SERIAL NUMBER: C6649214. __1

TARGET NUMBER: 1

FILE DATE: 06/05/2009

FILE TIME: 07:29

POINT#	X	Y
1:	0.369	1.906
2:	-0.001	1.016
3:	0.416	0.696
4:	0.602	0.302
5:	0.424	0.194
6:	0.080	-0.196
7:	0.095	-0.498
8:	0.079	-0.900
9:	-0.464	-0.540
10:	-0.578	-0.167

X CENTROID: 0.102

Y CENTROID: 0.181

POA TO CENTROID: 0.208

HORZ SPREAD: 1.180

VERT SPREAD: 2.806

GROUP SPREAD: 2.821

MIN RADIUS: 0.322

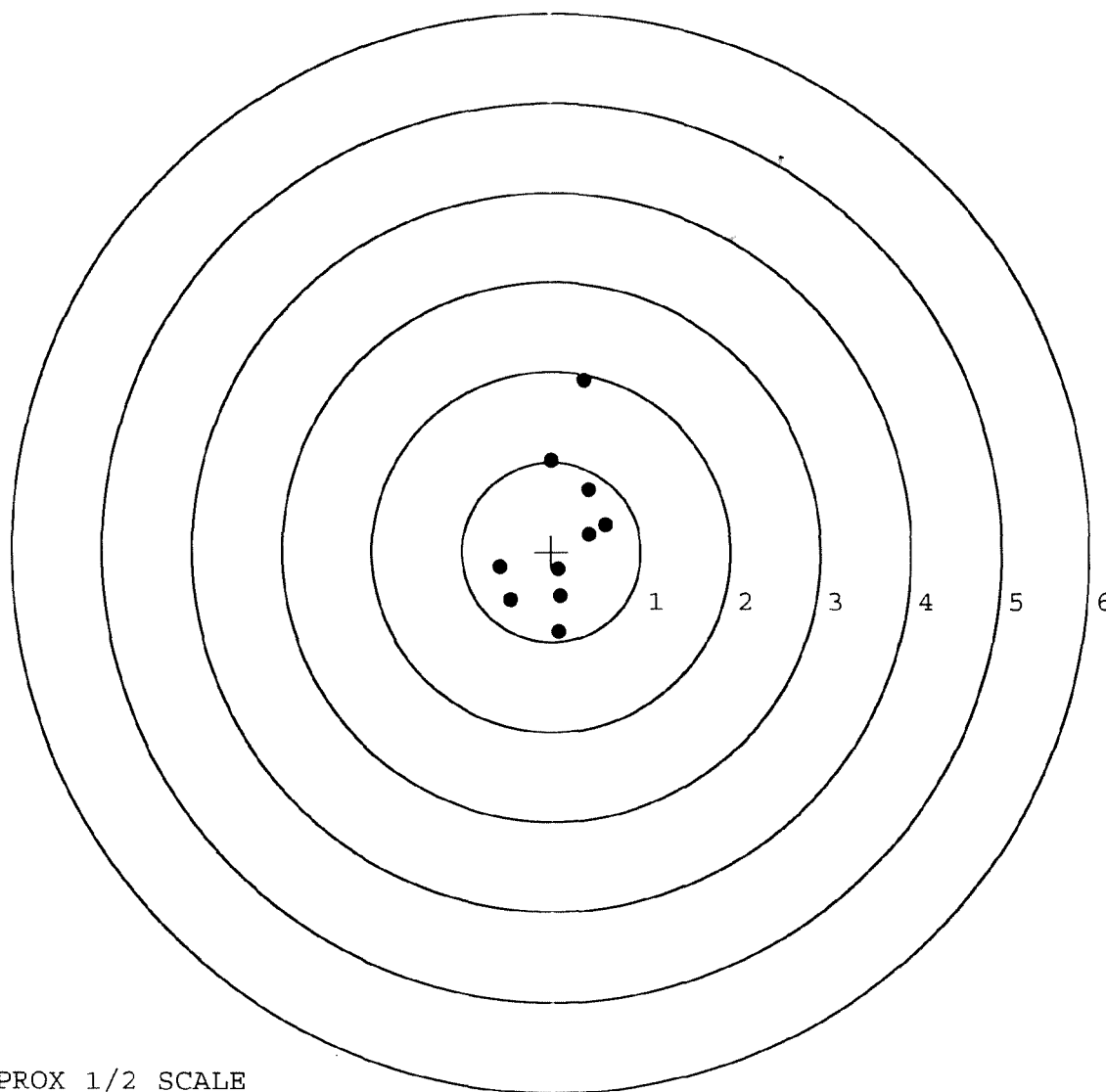
MAX RADIUS: 1.745

MEAN RADIUS: 0.785

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __1

TARGET NUMBER: 2

FILE DATE: 06/05/2009

FILE TIME: 07:29

POINT#	X	Y
1:	-0.235	-0.665
2:	0.683	-0.373
3:	0.416	-0.388
4:	0.072	-0.415
5:	-0.007	-0.110
6:	0.268	0.171
7:	-0.026	0.477
8:	-0.326	0.188
9:	0.002	0.175
10:	0.079	-0.724

X CENTROID: 0.093

Y CENTROID: -0.166

POA TO CENTROID: 0.190

HORZ SPREAD: 1.009

VERT SPREAD: 1.201

GROUP SPREAD: 1.206

MIN RADIUS: 0.114

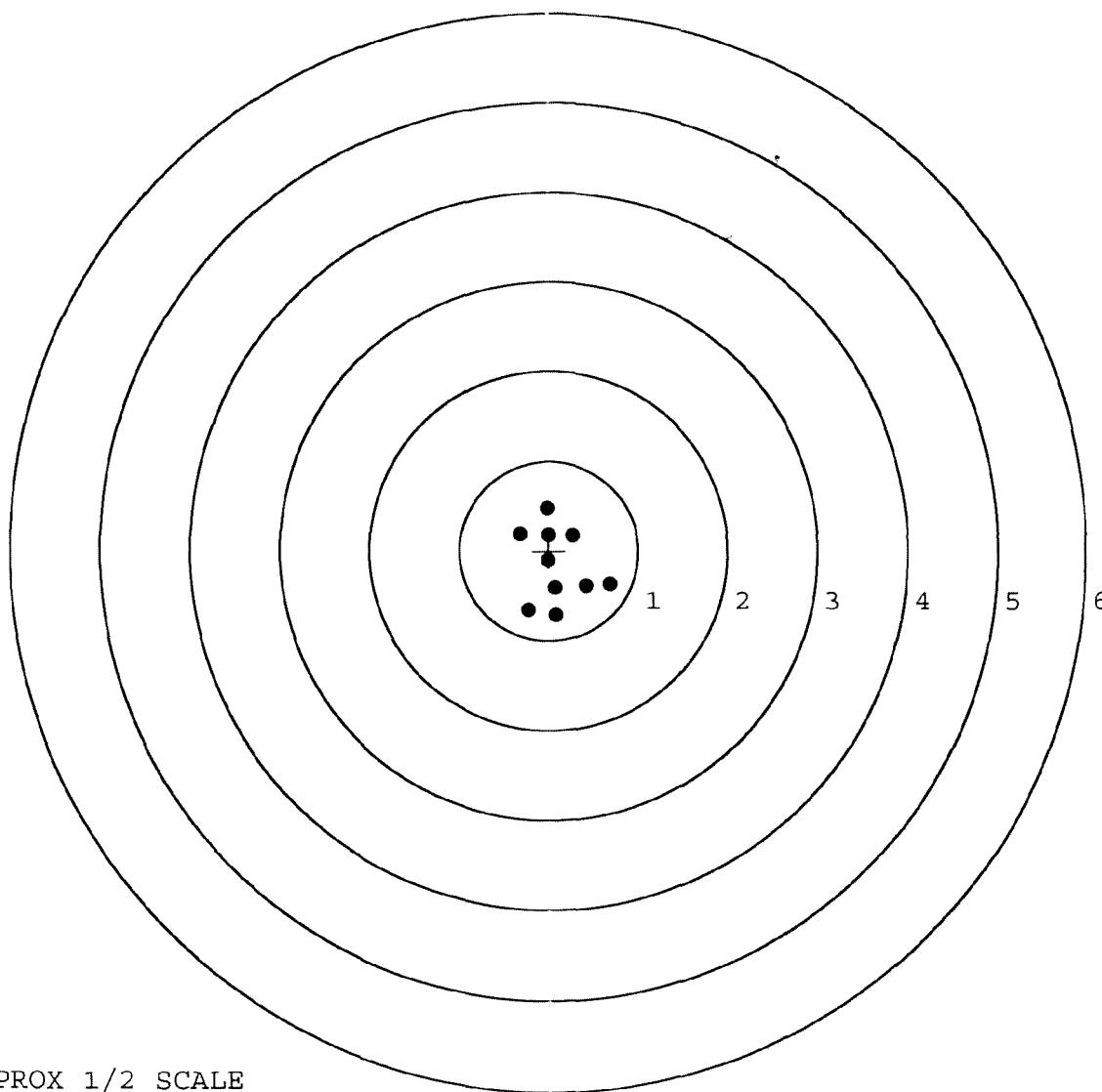
MAX RADIUS: 0.654

MEAN RADIUS: 0.447

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0066451

SERIAL NUMBER: C6649214. __1

TARGET NUMBER: 3

FILE DATE: 06/05/2009

FILE TIME: 07:29

POINT#	X	Y
1:	0.194	0.751
2:	-0.262	0.823
3:	-0.529	0.574
4:	-0.199	0.433
5:	0.830	-0.655
6:	0.413	-0.533
7:	0.517	-0.360
8:	0.219	-0.447
9:	0.338	-0.353
10:	0.219	-0.128

X CENTROID: 0.174

Y CENTROID: 0.011

POA TO CENTROID: 0.174

HORZ SPREAD: 1.359

VERT SPREAD: 1.478

GROUP SPREAD: 1.838

MIN RADIUS: 0.146

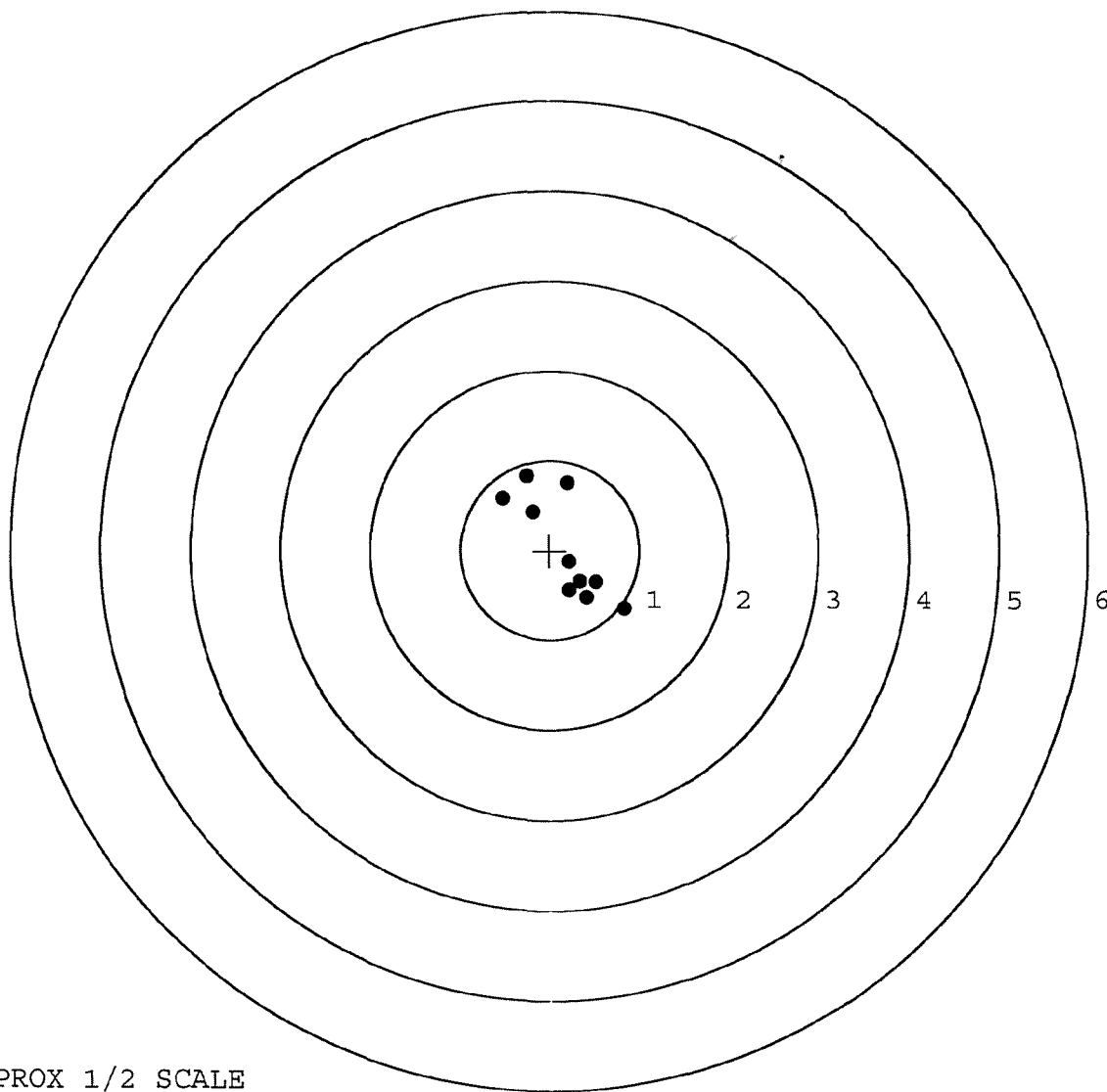
MAX RADIUS: 0.934

MEAN RADIUS: 0.616

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __1

TARGET NUMBER: 4

FILE DATE: 06/05/2009

FILE TIME: 07:29

POINT#	X	Y
1:	0.115	-0.902
2:	0.635	-0.640
3:	0.384	-0.394
4:	-0.016	-0.441
5:	-0.478	-0.282
6:	-0.376	0.338
7:	-0.056	0.079
8:	0.173	0.262
9:	0.073	0.446
10:	-0.067	0.226

X CENTROID: 0.039

Y CENTROID: -0.131

POA TO CENTROID: 0.136

HORZ SPREAD: 1.113

VERT SPREAD: 1.348

GROUP SPREAD: 1.407

MIN RADIUS: 0.230

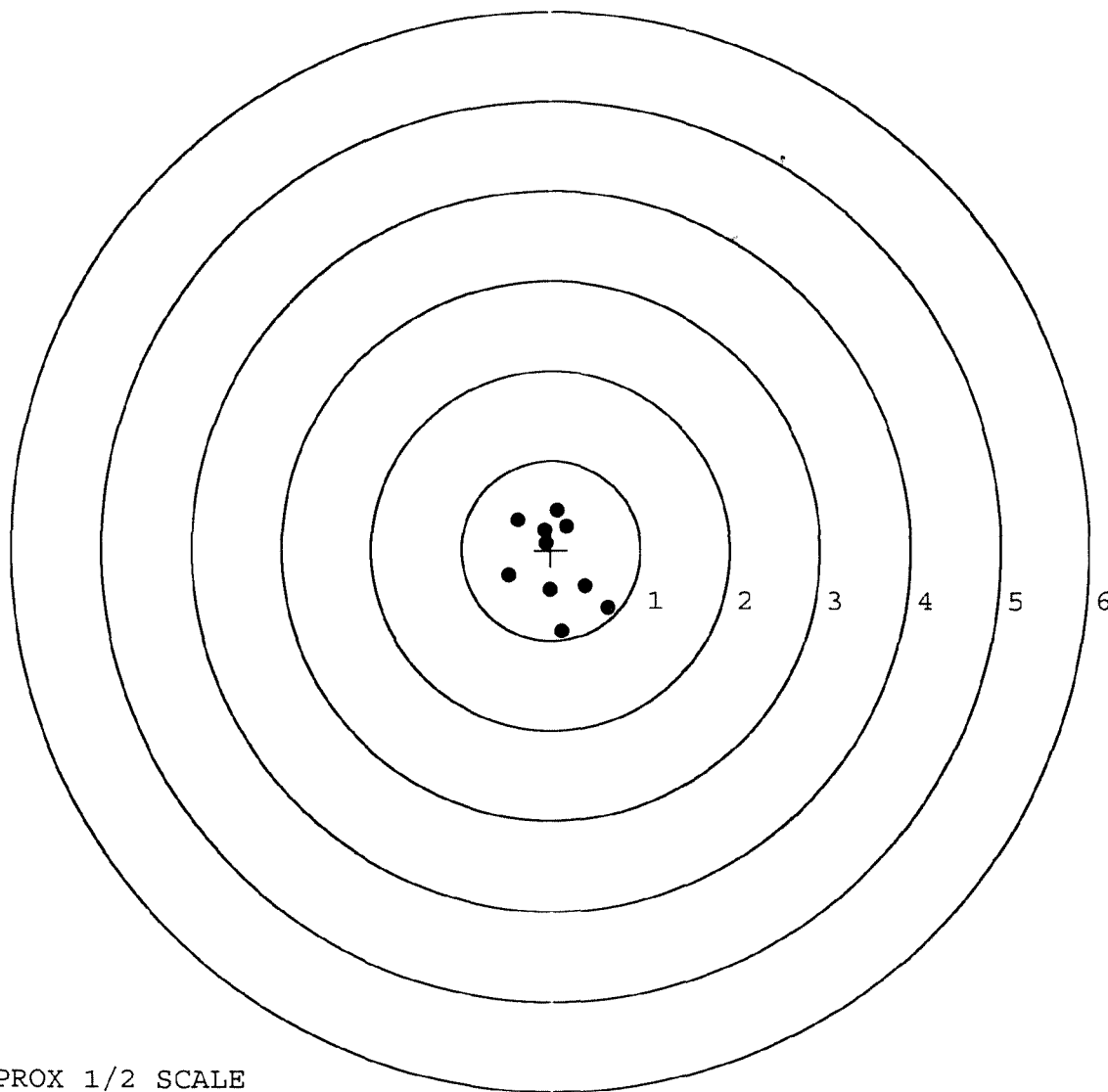
MAX RADIUS: 0.784

MEAN RADIUS: 0.507

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __1

TARGET NUMBER: 5

FILE DATE: 06/05/2009

FILE TIME: 07:29

POINT#	X	Y
1:	1.140	0.294
2:	0.825	-0.178
3:	0.500	-0.497
4:	-0.525	1.026
5:	-0.918	0.289
6:	-0.451	0.040
7:	-0.100	-0.287
8:	0.186	0.264
9:	-0.010	-0.056
10:	0.743	-0.388

X CENTROID: 0.139

Y CENTROID: 0.051

POA TO CENTROID: 0.148

HORZ SPREAD: 2.058

VERT SPREAD: 1.523

GROUP SPREAD: 1.899

MIN RADIUS: 0.183

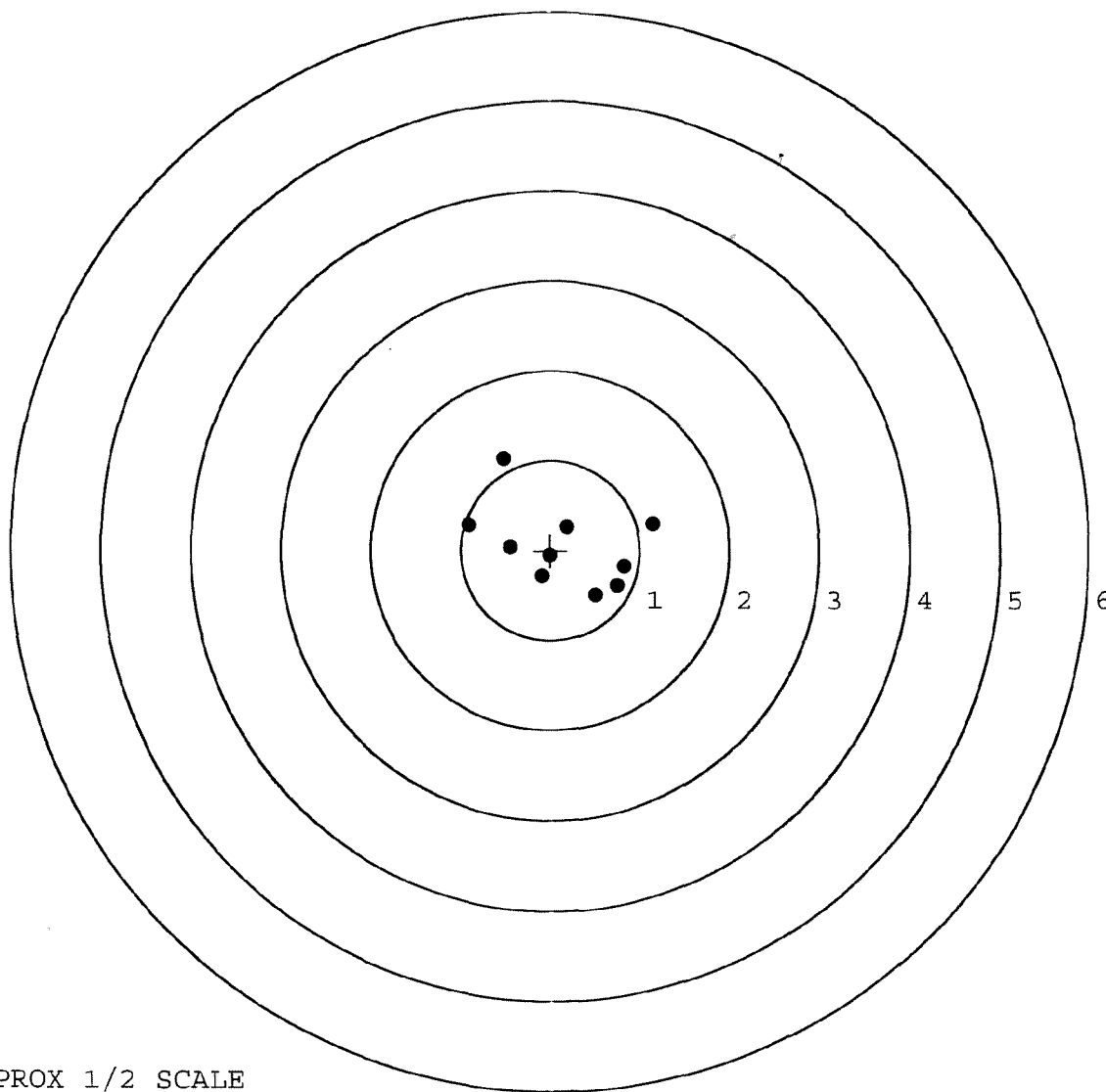
MAX RADIUS: 1.180

MEAN RADIUS: 0.682

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

3 Cell Case
~~Soft~~
Deployment KIT
Soft Case
Shing

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: RE00133021

Serial: C6649214 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:13:48 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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

8/22/2007

7:53 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

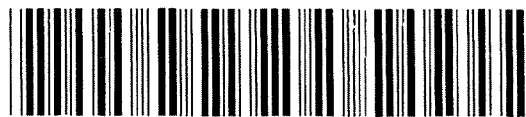
Arms Service...

7:53 AM

Serial
Number:

C6649214

Model: M24 SWS

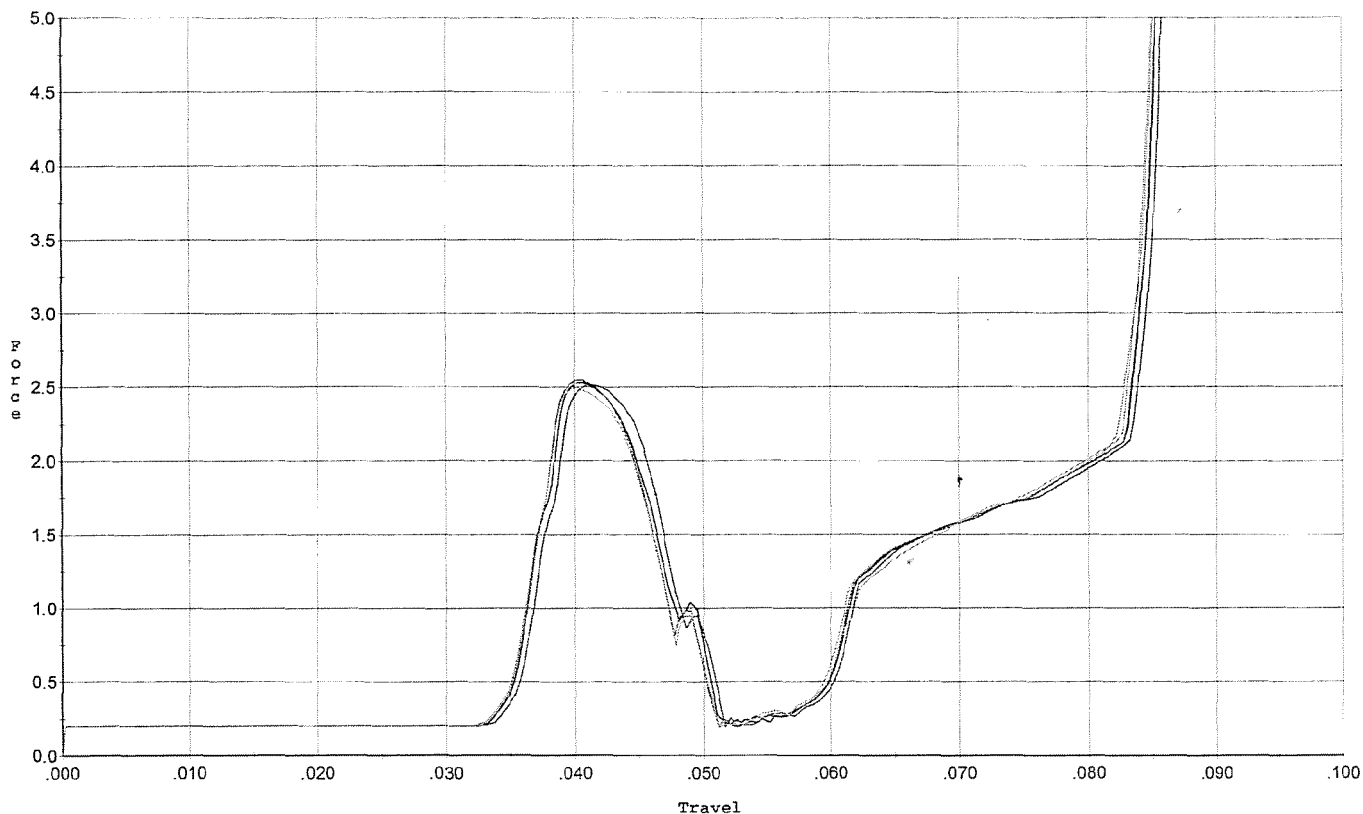


RE00133021

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



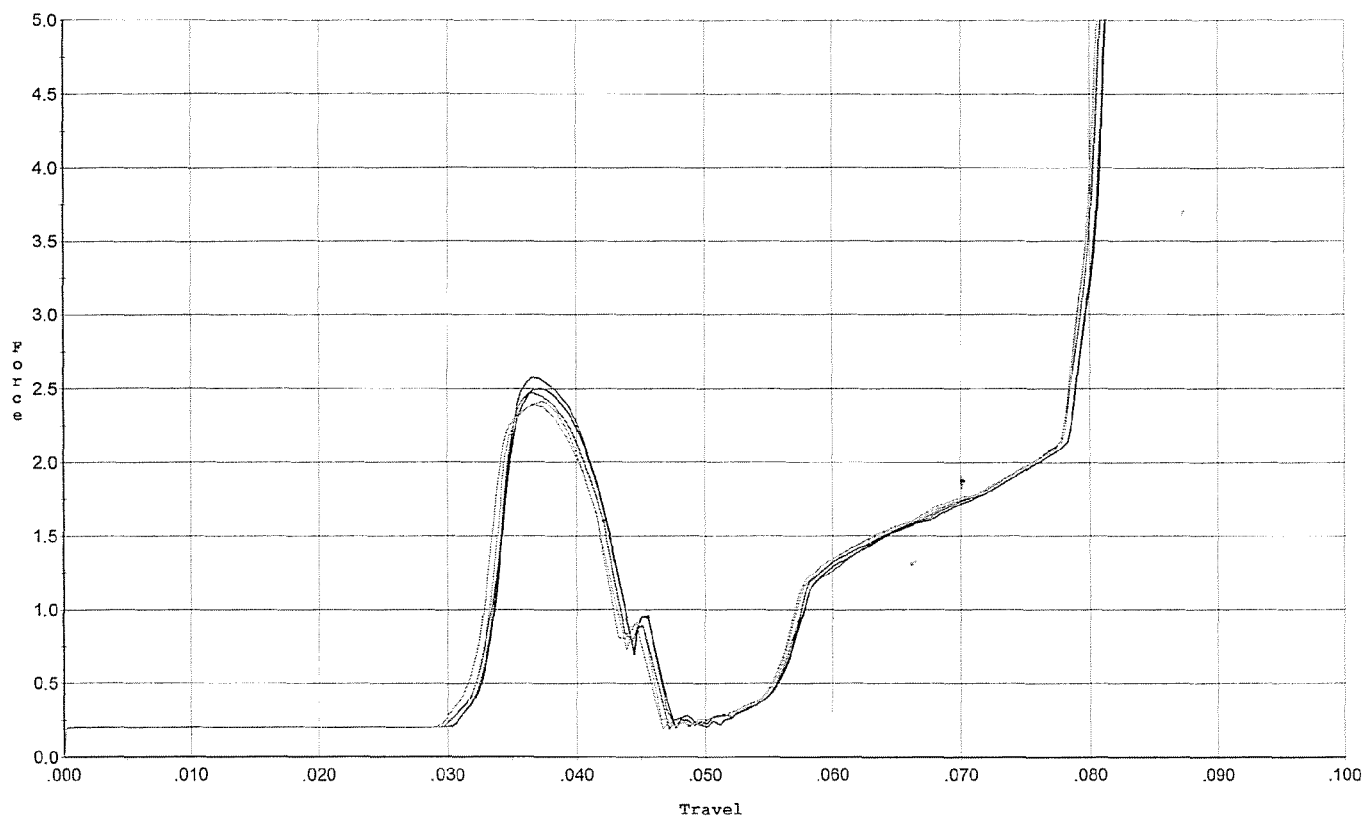
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.515	0.046	0.035	0.043	0.030		Set Trigger
2	2.530	0.049	0.035	0.040	0.033		Set Trigger
3	2.545	0.046	0.035	0.043	0.030		Set Trigger
4	2.525	0.046	0.035	0.043	0.030		Set Trigger
5	2.491	0.046	0.035	0.043	0.030		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



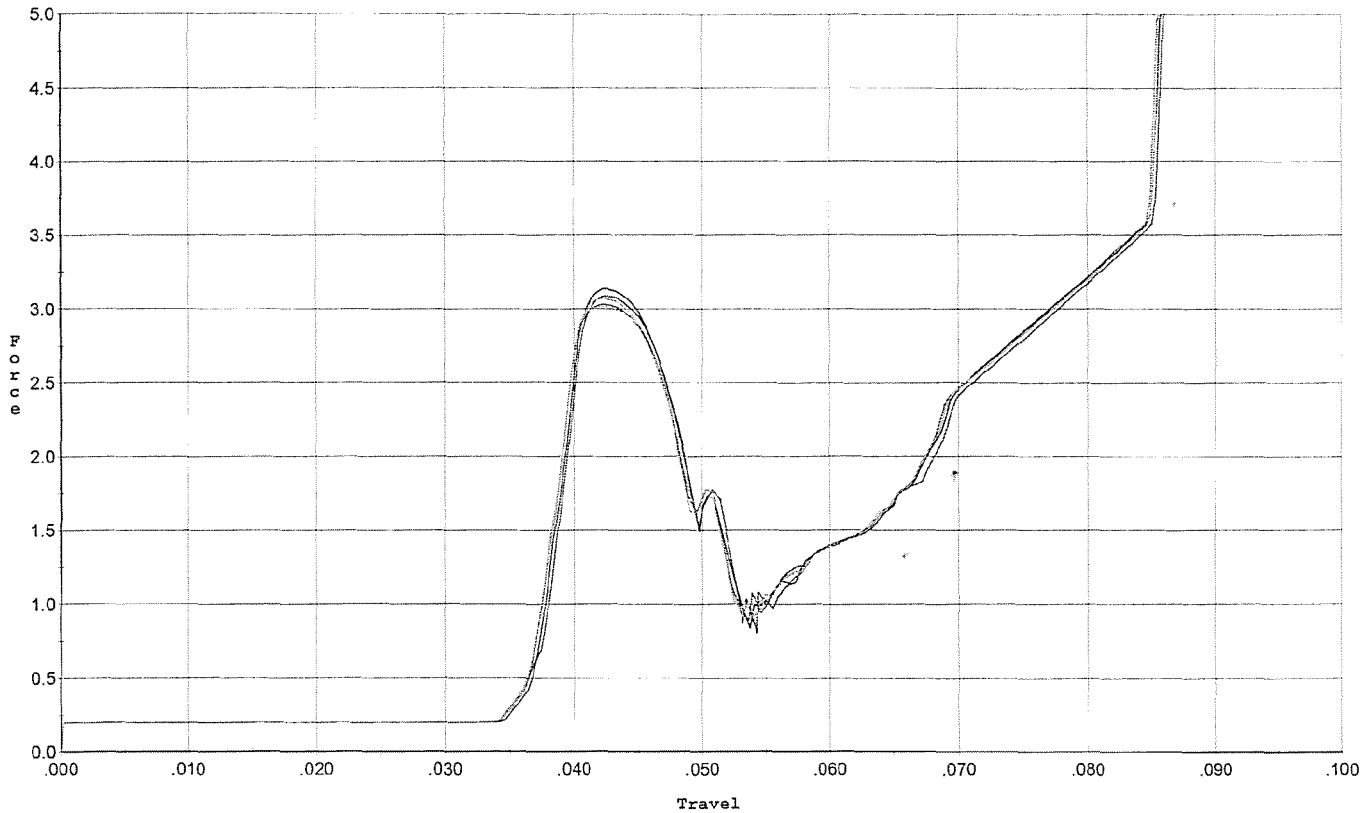
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.572	0.043	0.032	0.045	0.028		Set Trigger
2	2.504	0.043	0.032	0.045	0.028		Set Trigger
3	2.469	0.042	0.031	0.045	0.026		Set Trigger
4	2.388	0.045	0.032	0.041	0.029		Set Trigger
5	2.417	0.042	0.030	0.046	0.027		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



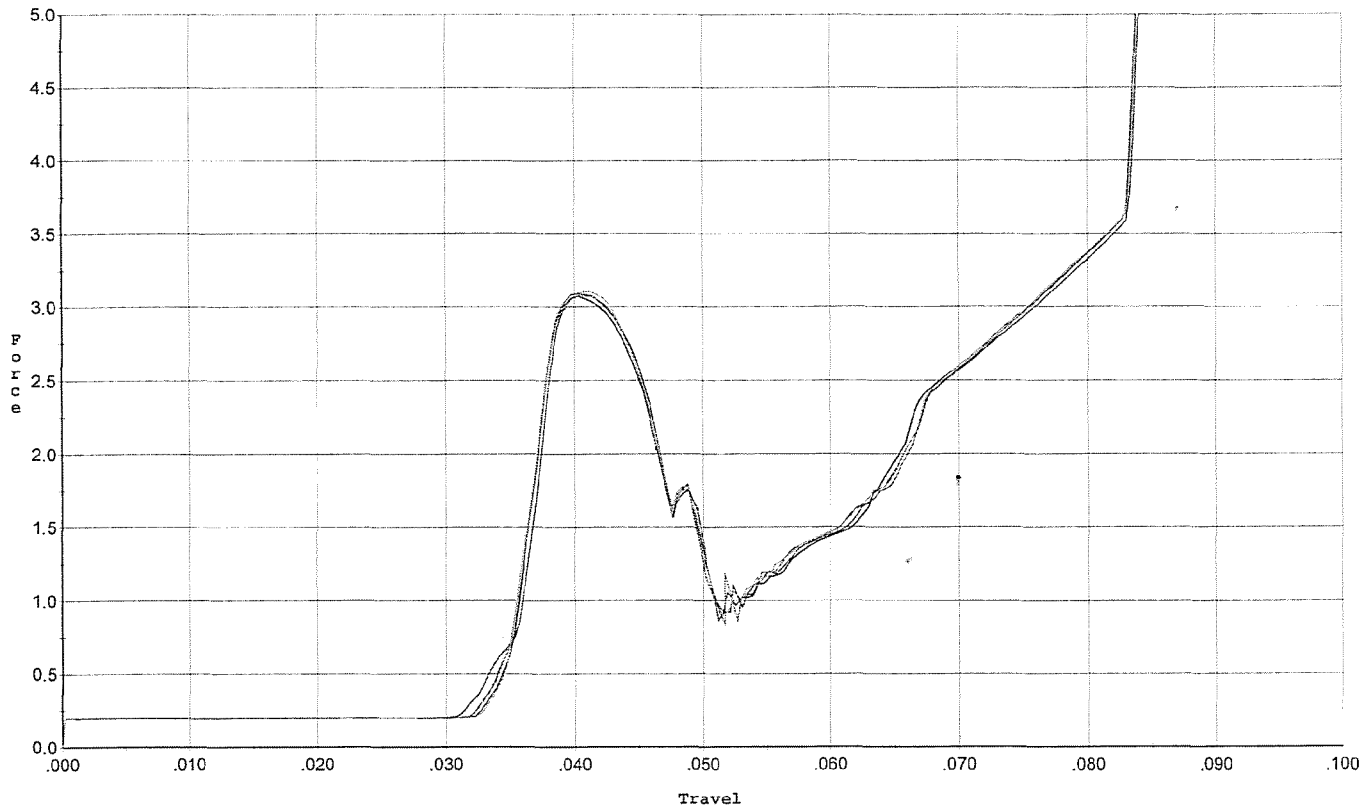
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.085	0.051	0.036	0.039	0.041		Set Trigger
2	3.133	0.048	0.036	0.040	0.037		Set Trigger
3	3.033	0.047	0.036	0.040	0.036		Set Trigger
4	3.070	0.051	0.036	0.039	0.041		Set Trigger
5	3.015	0.051	0.036	0.039	0.041		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/27/07

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



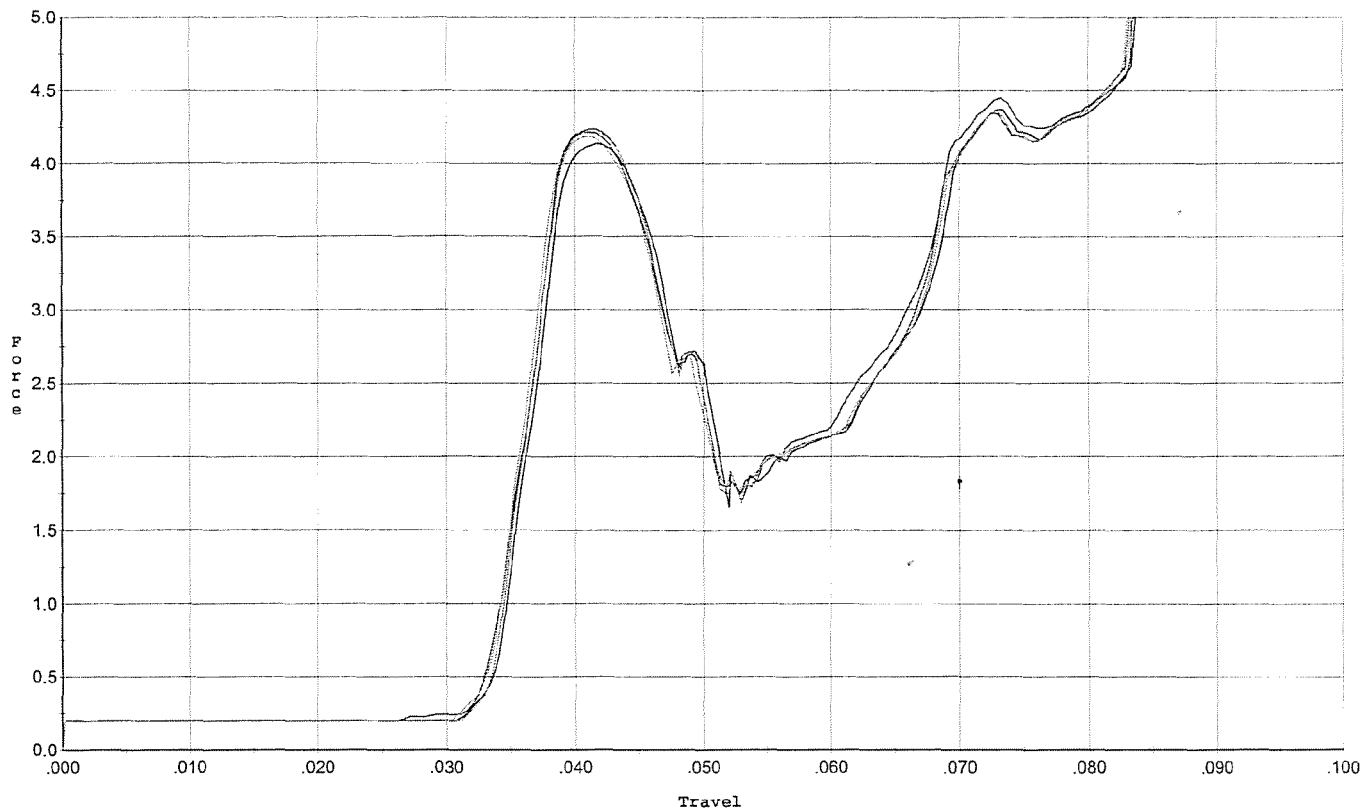
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.082	0.050	0.033	0.038	0.042		Set Trigger
2	3.073	0.046	0.033	0.039	0.037		Set Trigger
3	3.089	0.049	0.033	0.038	0.041		Set Trigger
4	3.072	0.046	0.033	0.039	0.037		Set Trigger
5	3.104	0.046	0.033	0.039	0.038		Set Trigger

Avg 3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



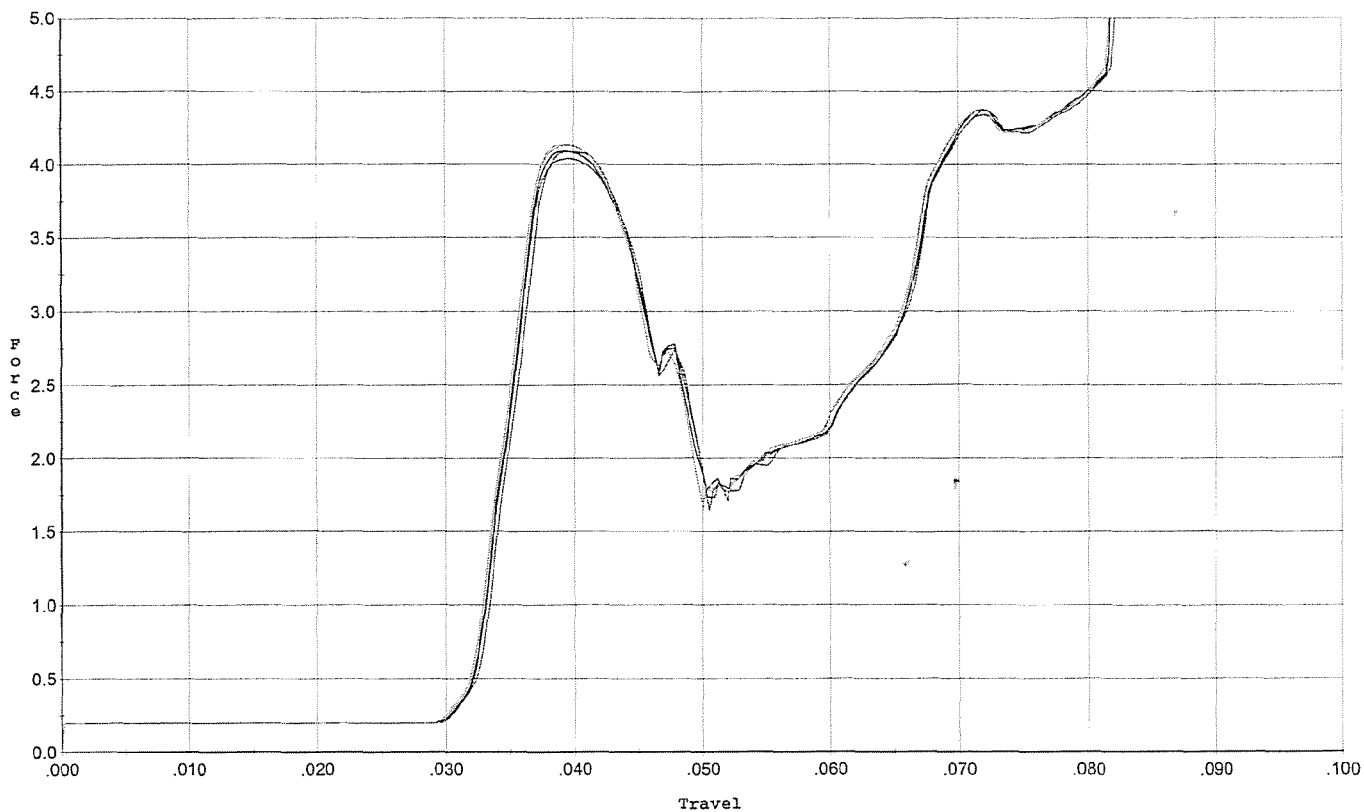
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.212	0.049	0.032	0.036	0.059		Set Trigger
2	4.134	0.050	0.033	0.036	0.059		Set Trigger
3	4.235	0.049	0.033	0.036	0.059		Set Trigger
4	4.218	0.049	0.033	0.036	0.058		Set Trigger
5	4.185	0.046	0.033	0.037	0.052		Set Trigger

Avg 4.19

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/27/07

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



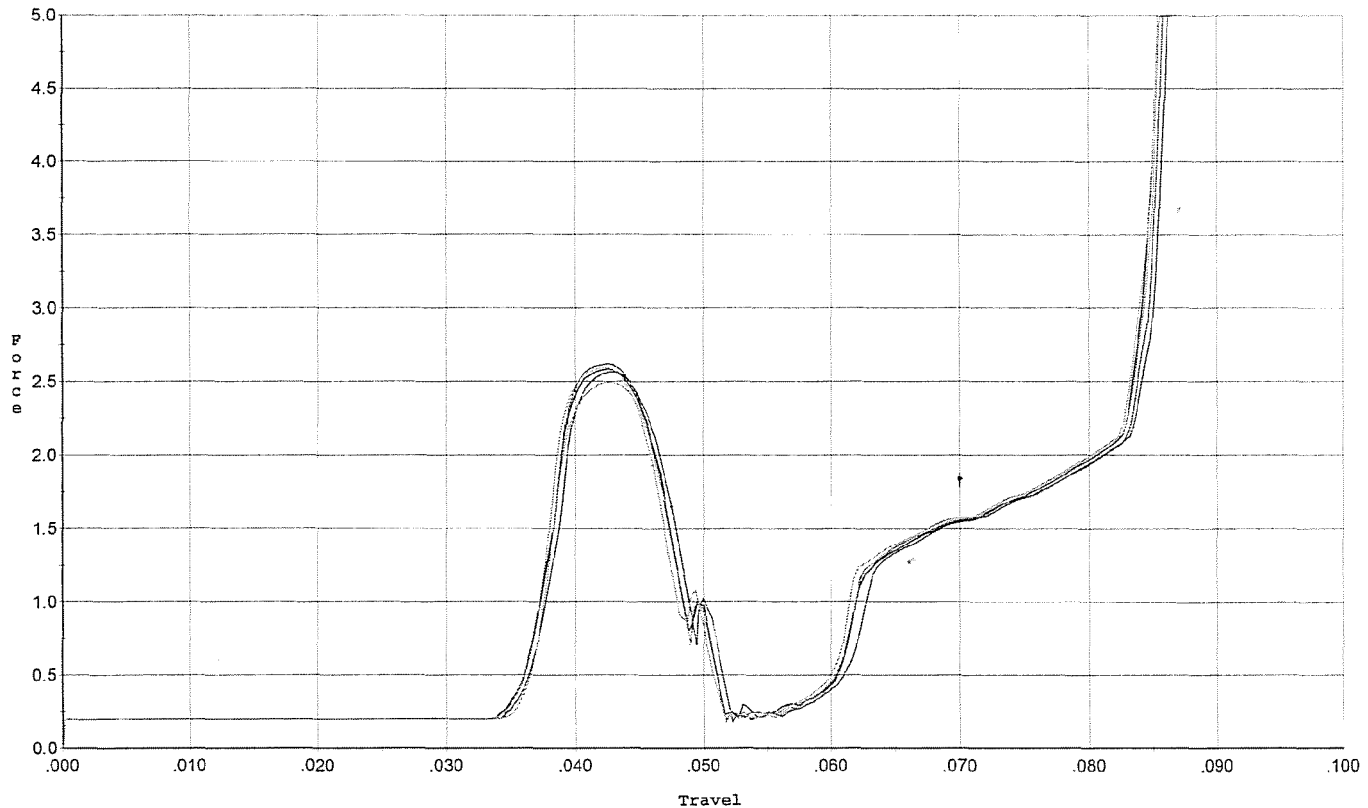
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.038	0.049	0.032	0.035	0.059		Set Trigger
2	4.090	0.048	0.031	0.035	0.057		Set Trigger
3	4.086	0.049	0.032	0.036	0.058		Set Trigger
4	4.136	0.048	0.032	0.035	0.058		Set Trigger
5	4.131	0.048	0.031	0.035	0.058		Set Trigger

Avg 4.09

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 9/27/07

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



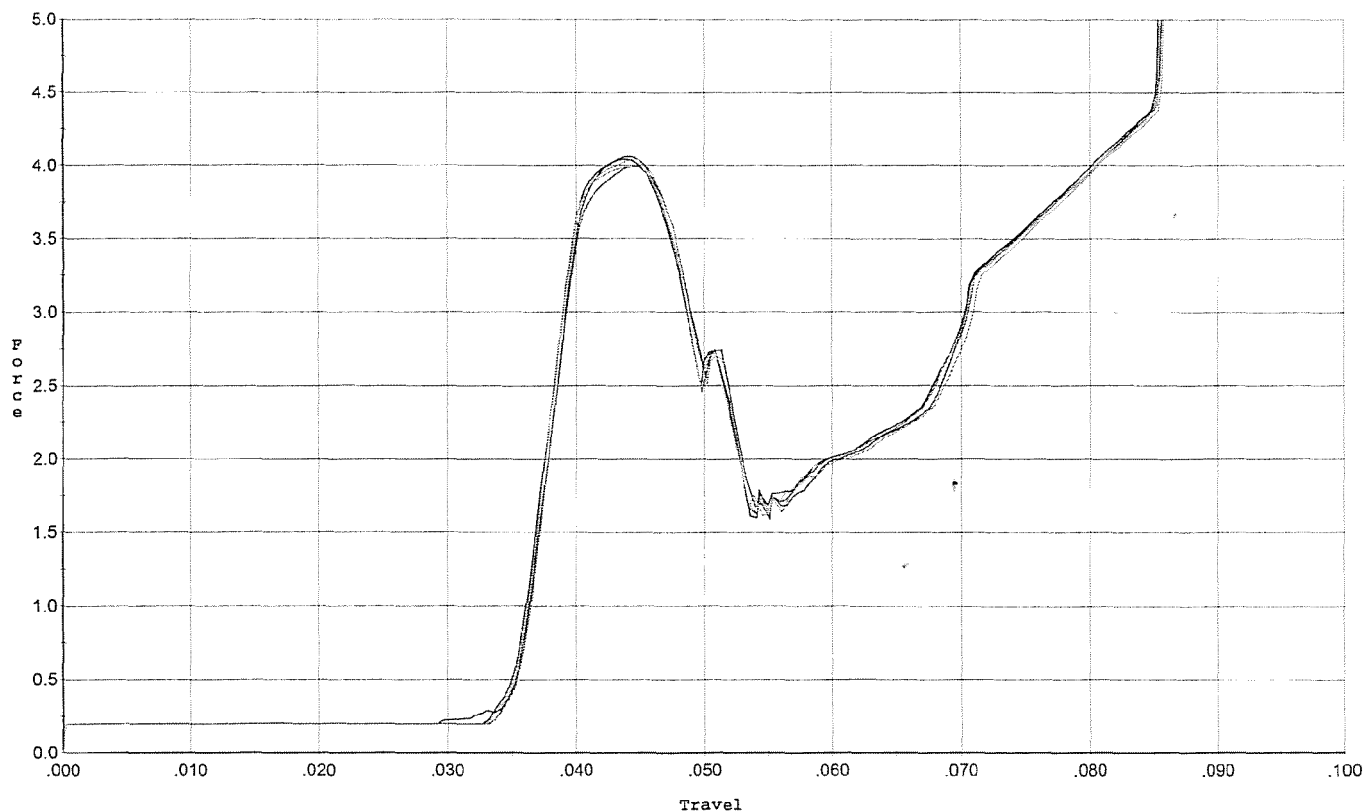
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.565	0.047	0.036	0.042	0.031		Set Trigger
2	2.585	0.047	0.035	0.042	0.031		Set Trigger
3	2.619	0.047	0.035	0.042	0.031		Set Trigger
4	2.595	0.046	0.035	0.043	0.030		Set Trigger
5	2.495	0.047	0.036	0.042	0.030		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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	4.059	0.051	0.035	0.037	0.059		Set Trigger
2	4.042	0.052	0.034	0.037	0.059		Set Trigger
3	3.995	0.048	0.034	0.039	0.050		Set Trigger
4	3.991	0.048	0.035	0.038	0.051		Set Trigger
5	4.042	0.051	0.034	0.037	0.058		Set Trigger

Avg 4.02

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6649214.___0
FILE DATE AND TIME: 10/16/2007 12:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.042
The Average Y Centroid of the Five Target Set:	0.010
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.636
The Distance from POA to Centroid Target #1:	0.102
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.270
The Distance from Centroid Target #4 to Centroid Target #1:	0.210
The Distance from Centroid Target #5 to Centroid Target #1:	0.210

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 1

FILE DATE: 10/16/2007

FILE TIME: 12:42

X CENTROID: 0.098

Y CENTROID: -0.029

POA TO CENTROID: 0.102

HORZ SPREAD: 2.256

VERT SPREAD: 1.819

GROUP SPREAD: 2.200

MIN RADIUS: 0.344

MAX RADIUS: 1.278

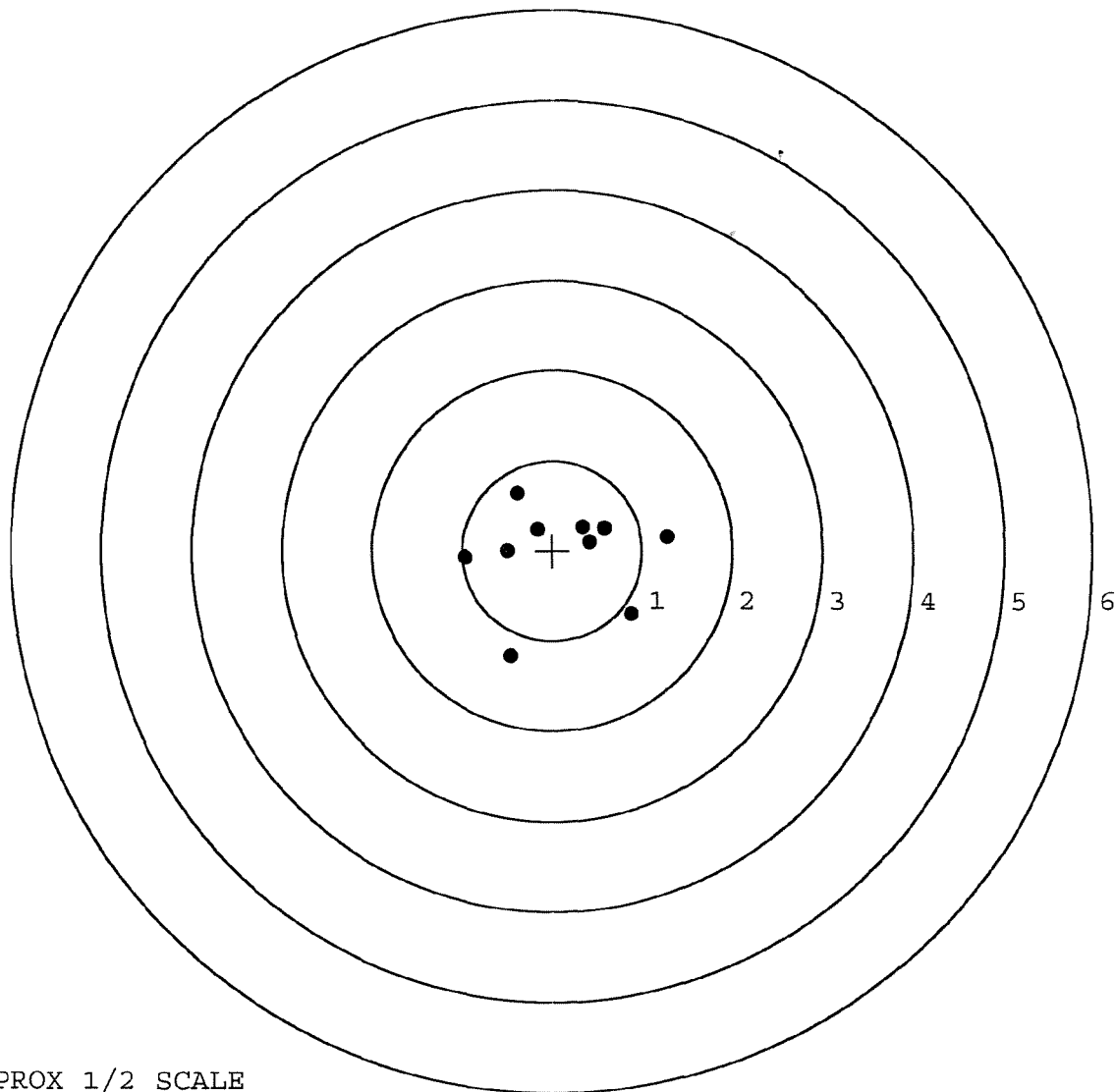
MEAN RADIUS: 0.767

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.285	0.155
2:	0.877	-0.701
3:	-0.466	-1.177
4:	0.574	0.255
5:	0.334	0.267
6:	-0.171	0.236
7:	-0.399	0.642
8:	-0.501	-0.004
9:	-0.971	-0.074
10:	0.414	0.106



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 2

FILE DATE: 10/16/2007

FILE TIME: 12:42

X CENTROID: 0.031

Y CENTROID: 0.203

POA TO CENTROID: 0.206

HORZ SPREAD: 1.685

VERT SPREAD: 2.094

GROUP SPREAD: 2.361

MIN RADIUS: 0.207

MAX RADIUS: 1.656

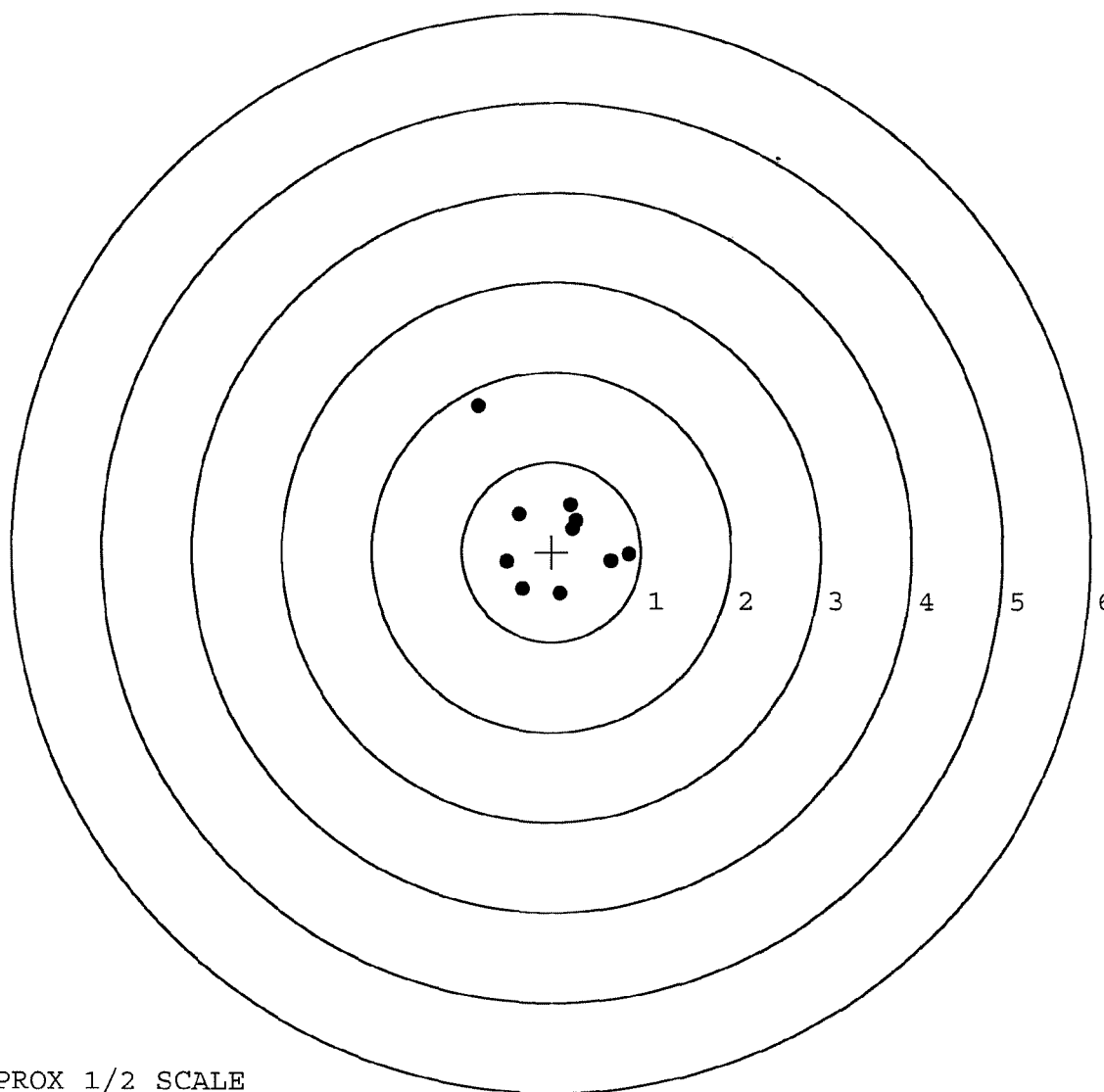
MEAN RADIUS: 0.655

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.866	-0.030
2:	0.661	-0.106
3:	0.232	0.256
4:	0.212	0.522
5:	-0.367	0.424
6:	-0.503	-0.114
7:	-0.327	-0.418
8:	0.088	-0.470
9:	-0.819	1.624
10:	0.272	0.344



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 3

FILE DATE: 10/16/2007

FILE TIME: 12:42

X CENTROID: -0.169

Y CENTROID: 0.012

POA TO CENTROID: 0.170

HORZ SPREAD: 1.987

VERT SPREAD: 1.216

GROUP SPREAD: 2.032

MIN RADIUS: 0.056

MAX RADIUS: 1.175

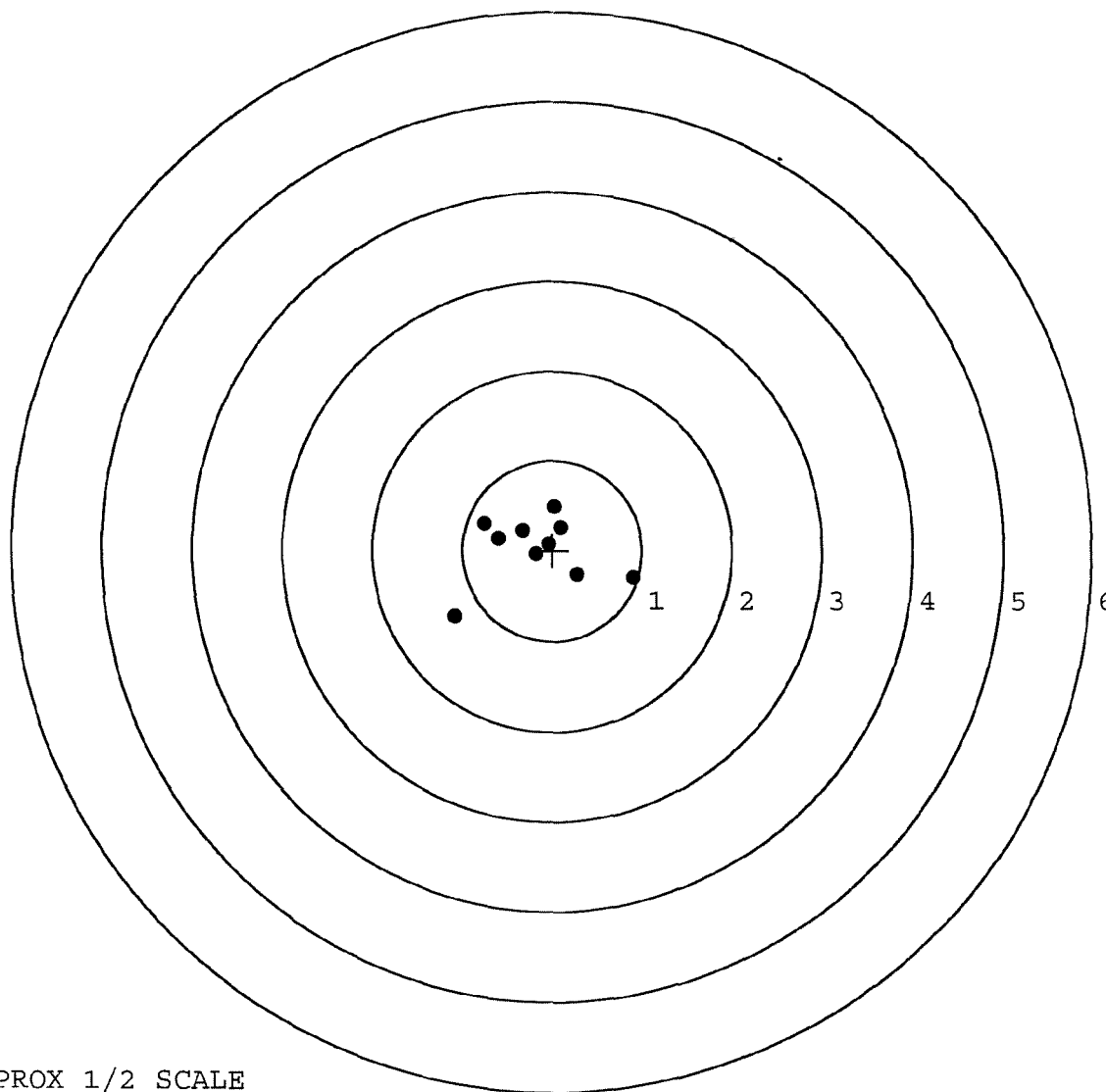
MEAN RADIUS: 0.525

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.905	-0.305
2:	0.280	-0.268
3:	-1.082	-0.728
4:	-0.755	0.295
5:	-0.597	0.137
6:	-0.334	0.220
7:	0.024	0.488
8:	0.090	0.254
9:	-0.044	0.070
10:	-0.181	-0.043



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 4

FILE DATE: 10/16/2007

FILE TIME: 12:42

POINT#	X	Y
1:	-1.461	-0.875
2:	0.748	-0.362
3:	-0.153	-0.328
4:	-0.105	-0.085
5:	-0.736	0.167
6:	0.336	0.429
7:	0.302	0.259
8:	0.118	0.456
9:	0.062	0.239
10:	-0.154	0.377

X CENTROID: -0.104

Y CENTROID: 0.028

POA TO CENTROID: 0.108

HORZ SPREAD: 2.209

VERT SPREAD: 1.331

GROUP SPREAD: 2.268

MIN RADIUS: 0.113

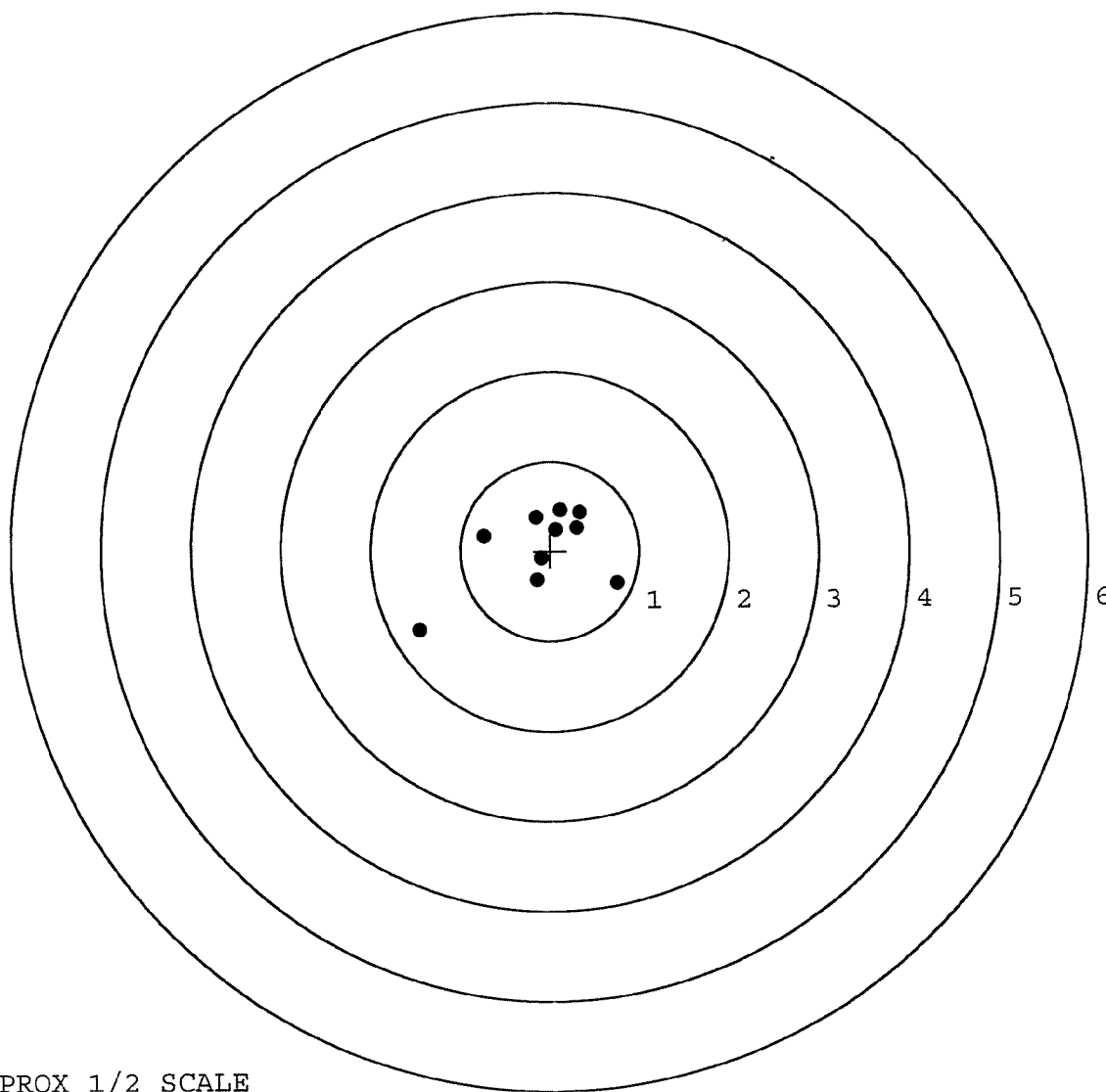
MAX RADIUS: 1.630

MEAN RADIUS: 0.585

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 5

FILE DATE: 10/16/2007

FILE TIME: 12:42

POINT#	X	Y
1:	-0.173	-0.054
2:	0.699	0.450
3:	0.176	0.937
4:	0.132	0.404
5:	0.343	-0.532
6:	0.146	-0.391
7:	-0.216	-0.591
8:	-0.725	-1.422
9:	-0.566	-0.275
10:	-0.454	-0.162

X CENTROID: -0.064

Y CENTROID: -0.164

POA TO CENTROID: 0.176

HORZ SPREAD: 1.424

VERT SPREAD: 2.359

GROUP SPREAD: 2.525

MIN RADIUS: 0.155

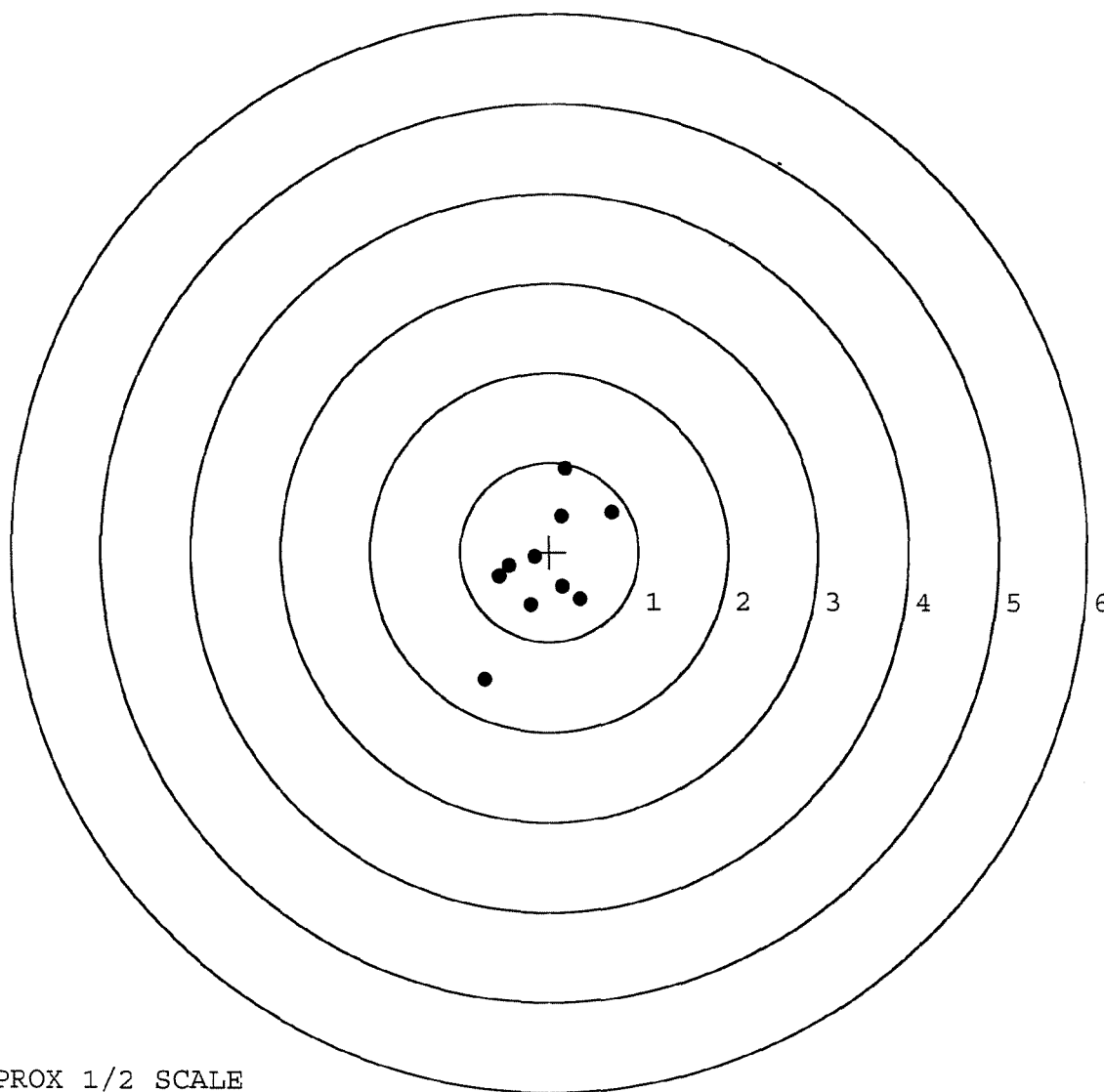
MAX RADIUS: 1.422

MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 133021SERIAL NUMBER C6649214LOG-IN DATE 8-22-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-1-07	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	mmg
510	DRILL AND TAP	10-5-07	FM
615	ROLLMARK CALIBER	10-5-07	CW
618	ROTO-BLAST	10-8-07	Zy
620	APPLY COATINGS	10/9/07	RTZ
625	FINAL ASSEMBLY	10-15-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 10-16-07	TRW
650	TARGET	PASS FAIL 10-16-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-16-07	DR
	A) HEADSPACE	PASS FAIL 10-22-07	RTZ
	B) TRIGGER PULL	268 255 245 280 247 10/19/07	mmg
680	F) SAFETY ON FORCE	4.25 4.2 4.25 10-22-07	DA
	G) SAFETY OFF FORCE	3.5 3.5 3.5 10-22-07	DA
	I) FIRING PIN INDENT	1022 1022 1022 10-22-07	DA
690	PACK	10-23-07	DA

BARBER - M24 0066471

Remington



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

MODEL 700 TM M24

SERIAL NO.
C6649214

ORDER NO.
5716

20

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6649214

ORDER **5716**

MODEL 700 TM M24

UPC

ORDER **5716**

MODEL 700 TM M24

UPC



0 47700 25716 7



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649214

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 1 91		RW
600	Proof	10 1 91		RW
607	Check Headspace	10 1 91		RW
610	Dis-assemble Gun	10 1 91		RW
612	Magnaflux Barrel Action		OCT 10 1991	KR
	Magnaflux Bolt		OCT 10 1991	KR
615	Rollmark Caliber		OCT 10 1991	LS
617	Drill and Tap Sight Holes		OCT 10 1991	LB
618	Polish Barrel		10/25/91	WB
620	Apply Coatings (Barrel Action)		11/2/91	HA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/11/91	RW
	C) Inspect Ejector Hole for Chamfer		11/11/91	RW
	D) Oil Firing Pin Ass'y		11/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/30/91	WB

op. #	BARBER MEM24 0066473	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	3 1/2	3 1/2			12/31/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/4			12/31/91	WB
	H) Trigger Pull Test & Retainability						12/30/91	WB
	I) Firing Pin Indent	021.5	020.5	021			12/31/91	WB
	J) Assemble Stock						1/3/92	RW
	K) Assemble Swivel Studs						1-7-92	WB
	L) Attach Front and Rear Sight Assemblies						1/3/92	RW
	M) Iron Sight Alignment						1/3/92	RW
	N) Detach Front & Rear Sights & place in numbered container						1/3/92	RW
	O) Attach Scope to Rifle						1/3/92	RW
	P) Detach & Attach Scope 20 Times						1/3/92	RW
640	Gallery Target & Test						1-6-92	AC
	A) Time						1-6-92	AC
	B) Malfunctions						1-6-92	AC
	C) Pierced Primers						1-6-92	AC
	D) Optical Clarity of Scope						1-6-92	AC
645	Inspect for Live Ammo						1-6-92	AC
655	Final Inspection							
	A) Headspace						1-7-92	WB
	B) Trigger Pull	2.37	2.30	2.30	2.31	2.26	1/7/92	RW
	C) Function						1-7-92	WB
660	Pack						2-25-92	WB

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649214
6 Jan 1992

CENTROIDAL DISTANCES

0 TO 1	.183142
1 TO 2	.993552
1 TO 3	.086885
1 TO 4	.5441
1 TO 5	.327886

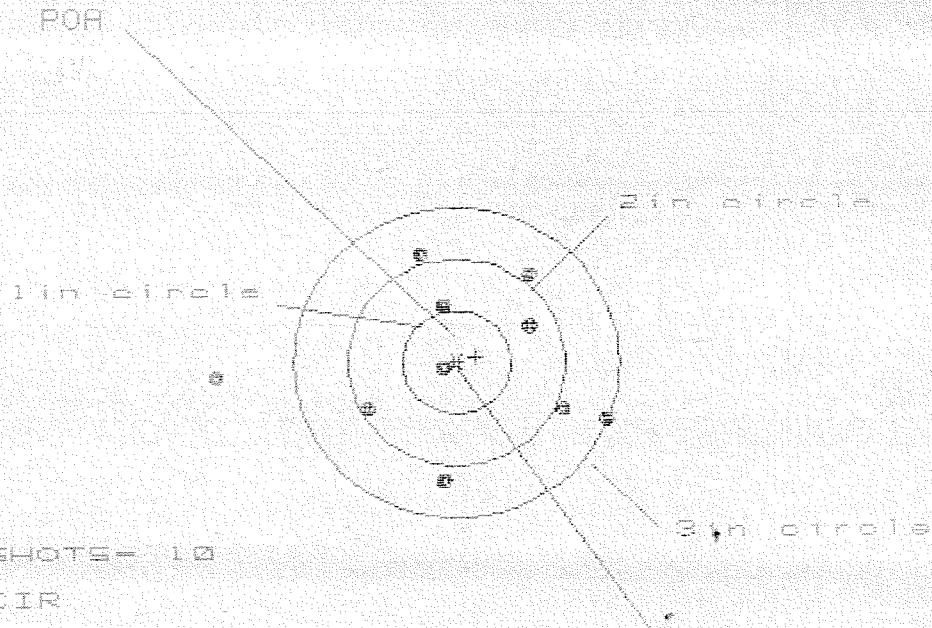
15 2 X----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .164
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1568
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .226897
THE AMR FOR THIS RIFLE IS: 1.045

6 Jan 1982

FILE:/PATTERNING/CENTERFIRE_PATT/C6648214

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.519

VS= 2.143

GS= 3.545

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST DF)	10	9	8
MAXIMUM X	1.336	1.094	.891
MINIMUM X	-2.183	-1.037	-.900
MAXIMUM Y	1.020	1.003	.927
MINIMUM Y	-1.123	-1.140	-1.216
CENTROID X	-.175	.067	-.070
CENTROID Y	-.054	-.037	.039
POA TO CENTROID IN.	.183	.077	.080
MIN RADIUS	.103	.345	.235
MEAN RADIUS	1.042	.907	.842
MAX RADIUS	2.188	1.249	1.243
HORIZONTAL SPREAD	3.519	2.131	1.792
VERTICAL SPREAD	2.143	2.143	2.143
EXTREME SPREAD	3.545	2.344	2.154
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 9		

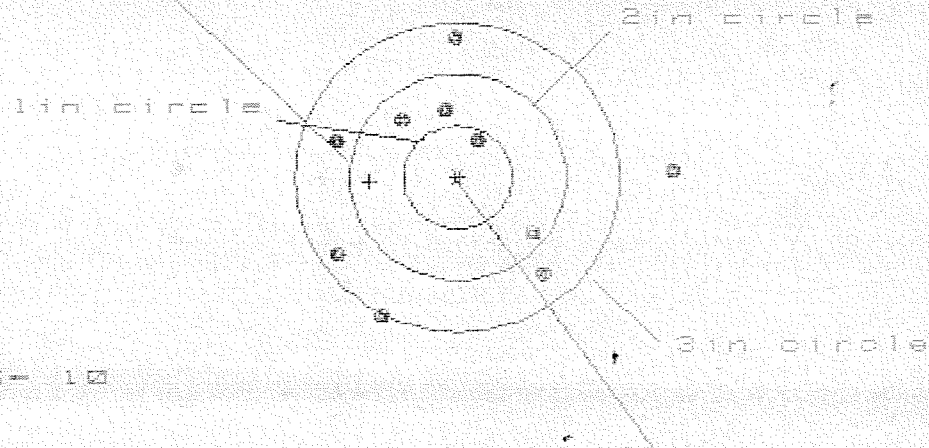
6 Jan 1992

FILE/PATTERNING/CENTERFIRE_PATT/C6649214

CENTERFIRE PATTERNS

2

POR



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 3.076

VS= 2.664

GS= 3.180

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.989	.988	.927
MINIMUM X	:	-1.087	-.866	-.927
MAXIMUM Y	:	1.367	1.369	1.207
MINIMUM Y	:	-1.297	-1.295	-1.054
CENTROID X	:	.814	.593	.654
CENTROID Y	:	.041	.039	.201
POR TO CENTROID in.	:	.815	.594	.685
MIN RADIUS	:	.400	.520	.367
MEAN RADIUS	:	1.116	1.005	.918
MAX RADIUS	:	1.989	1.386	1.404
HORIZONTAL SPREAD	:	3.076	1.954	1.854
VERTICAL SPREAD	:	2.664	2.664	2.261
EXTREME SPREAD	:	3.180	2.756	2.389
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Jan 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06649214

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 1.601

VS= 2.860

GS= 2.965

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.950	.878	.687
MINIMUM X	-.651	-.723	-.715
MAXIMUM Y	1.282	1.107	.732
MINIMUM Y	-1.578	-1.284	-1.146
CENTROID X	-.157	-.885	-.094
CENTROID Y	-.139	.036	-.102
POA TO CENTROID in.	.210	.093	.138
MIN RADIUS	.032	.198	.066
MEAN RADIUS	.867	.757	.705
MAX RADIUS	1.705	1.474	1.350
HORIZONTAL SPREAD	1.601	1.601	1.601
VERTICAL SPREAD	2.860	2.391	1.878
EXTREME SPREAD	2.965	2.518	2.468
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

6 Jan 1992

FILE:/PATTERNING/CENTERFIRE_PATT/06649214

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 2.544

VS= 2.737

GS= 3.050

PATTERN #

4

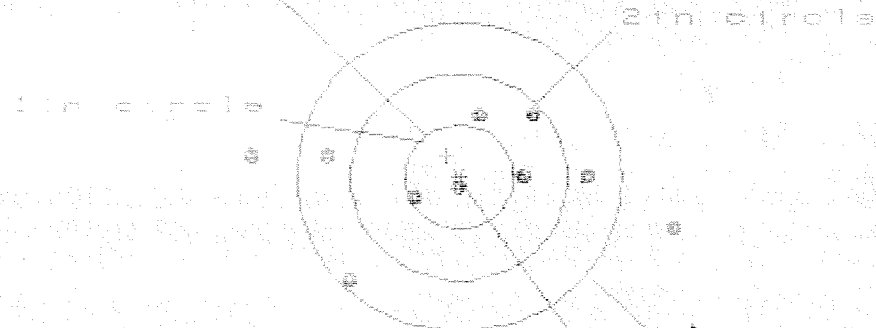
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.373	1.248	1.112
MINIMUM X	-1.166	-1.110	-0.954
MAXIMUM Y	1.218	1.049	0.930
MINIMUM Y	-1.519	-0.958	-0.891
CENTROID X	.223	.353	.197
CENTROID Y	-.425	-.256	-.137
POA TO CENTROID in.	.480	.436	.240
MIN RADIUS	.522	.313	.327
MEAN RADIUS	1.142	1.010	.930
MAX RADIUS	1.915	1.573	1.289
HORIZONTAL SPREAD	2.544	2.358	2.066
VERTICAL SPREAD	2.737	2.007	1.821
EXTREME SPREAD	3.050	3.050	2.571
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

8 Jan 1992

FILE:/PATTERNING/CENTERFIRE_PATT/08649214

CENTERFIRE PATTERNS # 5

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS- 3.898

VS- 1.684

GS- 3.554

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.970	1.405	1.192
MINIMUM X	-1.928	-1.709	-1.238
MAXIMUM Y	.647	.597	.617
MINIMUM Y	-1.037	-1.087	-1.067
CENTROID X	.115	.104	.110
CENTROID Y	-.207	-.157	-.177
POA TO CENTROID in	.237	.183	.208
MIN RADIUS	.122	.279	.152
MEAN RADIUS	1.060	.964	.832
MAX RADIUS	2.021	1.716	1.435
HORIZONTAL SPREAD	3.898	3.114	2.420
VERTICAL SPREAD	1.684	1.684	1.684
EXTREME SPREAD	3.954	3.118	2.428
NUMBER IN ONE INCH CIRCLE	1	1	1
NUMBER IN TWO INCH CIRCLE	5	5	5
NUMBER IN THREE INCH CIRCLE	8	8	8

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6649214DATE 12/30/91TESTER W/B

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.32	2.43		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.41	2.36		
PULL #3	2.58	2.36	2.36		
PULL #4	2.39	2.46	2.36		
PULL #5	2.37	2.47	2.36		
TOTAL	12.45	12.02	11.87		
AVG.	2.49	2.40	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.00		
PULL #2	3.02	3.04		
PULL #3	3.02	3.08		
PULL #4	3.09	3.12		
PULL #5	3.14	2.95		
TOTAL	15.29	15.19		
AVG.	3.06	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.10	4.00		4.23
PULL #2	4.13	4.01		4.31
PULL #3	4.01	4.00		4.30
PULL #4	4.21	4.06		4.17
PULL #5	4.04	4.05		4.13
TOTAL	20.49	20.12		21.14
AVG.	4.10	4.02		4.23

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225254

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY	2 26	FB
600	PROOF	29	Ru
615	MAGNAFLUX BARREL	5/13/88	PPE.
	MAGNAFLUX BOLT	5/13/88	PPE.
620	COATING	8/1/88	TJA
625- 630	FINAL ASSEMBLY	X	X
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225254

LOT = 1

10/88

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/23/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/23/88	RW
	C) Inspect Ejector Hole for Chamfer		8/23/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/23/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		25 Aug 88	J.U. + J.S.
	F) Safety on Force	6.5 6 6	25 Aug 88	J.U. + J.S.
	G) Safety off Force	3 3 3.5	25 Aug 88	J.U. + J.S.
	H) Trigger Pull Test & Retainability		25 Aug 88	J.U. + J.S.
	I) Firing Pin Indent	.022 .0225 .0225	25 Aug 88	J.U. + J.S.
	J) Assemble Stock		8/25/88	RW
	K) Assemble Swivel Studs			
	L) Attach Front & Rear Sight Assemblies		8/25/88	RW
	M) Iron Sight Alignment		9/2/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/2/88	RW
	O) Attach Scope to Rifle	48 R 107 L 48 E		
	P) Detach & Attach Scope 20 times		9/8/88	V.B.
640	Gallery Target & Test		9/12/88	AC
	A) Optical Clarity of Scope	OK		
645	Inspect for Live Ammo		9/12/88	AC
655	Final Inspection A) Headspace			
	B) Trigger Pull	Set at 4# during test		
	C) Function			
660	Pack			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225254DATE 25 Aug. 88TESTER J. P. + D. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.66	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.65	2.57	
PULL #3	2.56	2.60	2.56	
PULL #4	2.46	2.62	2.61	
PULL #5	2.53	2.60	2.58	
TOTAL	12.44	13.13	12.95	
AVG.	2.488	2.626	2.59	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.17		
PULL #2	3.16	3.05		
PULL #3	3.11	3.12		
PULL #4	3.19	3.09		
PULL #5	3.11	3.17		
TOTAL	15.72	15.60		
AVG.	3.144	3.12		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.14		4.42
PULL #2	4.19	4.20		4.43
PULL #3	4.19	4.21		4.40
PULL #4	4.25	4.20		4.36
PULL #5	4.18	4.22		4.37
TOTAL	21.04	20.97		21.98
AVG.	4.208	4.194		4.396

ENDURANCE TEST GUN # C-6225254

QP 0041

PART NUMBER 96005

MAGNETIC PARTICLE INSPECTION

PART NAME Final Bolt Assem. MATERIAL Bolt Head-8640, Bolt Body 1140M, Bolt

OPERATION NUMBER 615

METHOD	SINGLE PARTS			MULTIPLE PARTS		
	HEAD SHOT	CENTRAL CONDUCTOR	COIL SHOT	HEAD SHOT CENTRAL CONDUCTOR	COIL SHOT IN BASKET	AMPERES

SKETCH AND/OR REMARKS

NON-FLUORESCENT
CONTINUOUS WET

600-800-Head Shot
900-1100-Coil Shot

FLUORESCENT
CONTINUOUS WET

Yes

Yes

NON-FLUORESCENT
RESIDUAL WET

FLUORESCENT
RESIDUAL WET

APPROVAL:

INSP.

LEV III

DATE:

DATE:

ACCEPTANCE STANDARD

STEEL STAMP ON Prick punch O.D. large locking lug (Left)

OTHER & letter "M" circled on Bolt Handle

PROCEDURE:

1. All parts must be cleaned before testing.
2. All parts shall be satisfactorily demagnetized after all magnetization has been completed.
3. The magnetic substance shall be completely removed from all parts after inspection and demagnetization.
4. All accepted parts must be marked with a mangaflex stamp, acid etch, or ink stamp. (If the part is too small or is a critical part, contact inspection supervisor).
5. Parts having indications not acceptable shall be segregated and identified, and are to be reviewed by Metallurgy and inspection groups.
6. All areas to be inspected 100%.
7. Inspection to be performed by a certified Level I, acceptance or rejection of product will be done by a certified Level II, or Level III.

Bolt Handle is not included
in Magnetic Particle Inspection.
It is checked for strength at
another operation.
No indications on the Bolt Head.
Lug area.

USE BACK SIDE OF THIS CARD TO RECORD EACH LOT INSPECTED.

ALL BLOCKS MUST BE PROPERLY FILLED IN.

1.1 - 1.4
LEV III.
INSP.

FORM QP-0041-1

BARBER - M24 0066485

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 006648966524

QP 0041

DATE	MFG. ORDER NO.	QUANTITY	SERIAL #	QUANTITY OF PARTS	
				ACCEPTED	REJECTED
9-21-88 <i>PJR.</i>		1 ENDURANCE GUN AT 2500 Rds	BOLT ASSEM. C-6225254	1-OK	
9-30-88 <i>PJR.</i>		1 ENDURANCE GUN AT 5000 Rd	BOLT ASSEM. C-6225254	1-OK	
10-3-88 <i>PJR.</i>		1 ENDURANCE GUN AT 6000 Rds	BOLT ASSEM. C-6225254	1-OK	
10-5-88 <i>PJR.</i>		1 ENDURANCE GUN AT 7000 Rds	BOLT ASSEM. C-6225254	1-OK	
10-11-88 <i>PJR.</i>		1 ENDURANCE GUN AT 8000 Rd	BOLT ASSEM. C-6225254	1-OK	
10-12-88 <i>PJR.</i>		1 ENDURANCE GUN AT 9000 Rds	BOLT ASSEM. C-6225254	1-OK	
10-17-88 <i>P.J. Cross</i>		1 ENDURANCE GUN AT 10,000 Rd	BOLT ASSEM. C-6225254	1 OK	

ENDURANCE TEST GUN SERIAL # C-6225254

QP 0041

PART NUMBER 96002

MAGNETIC PARTICLE INSPECTION

PART NAME Final Bbl.Assem.MATERIAL Bbl. Rem.Spec.#155-Rec.Spec.4137M

OPERATION NUMBER 615

METHOD	SINGLE PARTS			MULTIPLE PARTS		
	HEAD SHOT	CENTRAL	CONDUCTOR	HEAD SHOT	CENTRAL	CONDUCTOR
	HEAD SHOT	CONDUCTOR	COIL SHOT	HEAD SHOT	COIL SHOT	IN BASKET
						AMPERES

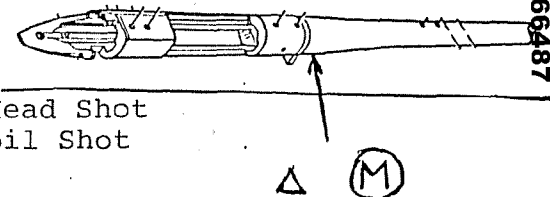
SKETCH AND/OR REMARKS

NON-FLUORESCENT
CONTINUOUS WET

FLUORESCENT
CONTINUOUS WET Yes

Yes (2 Overlapping)

900-1100-Head Shot
600-800-Coil Shot



NON-FLUORESCENT
RESIDUAL WET

FLUORESCENT
RESIDUAL WET

APPROVAL:

INSP. _____ LEV III _____
DATE: _____ DATE: _____

ACCEPTANCE STANDARD

STEEL STAMP ON. Triangular stamp (Δ) and letter "M" circled

OTHER Location-right side near Receiver.

PROCEDURE:

1. All parts must be cleaned before testing.
2. All parts shall be satisfactorily demagnetized after all magnetization has been completed.
3. The magnetic substance shall be completely removed from all parts after inspection and demagnetization.
4. All accepted parts must be marked with a mangaflux stamp, acid etch, or ink stamp (If the part is too small or is a critical part, contact inspection supervisor).
5. Parts having indications not acceptable shall be segregated and identified, and are to be reviewed by Metallurgy and inspection groups.
6. All areas to be inspected 100%.
7. Inspection to be performed by a certified Level I, acceptance or rejection of product will be done by a certified Level II, or Level III.

No Indications acceptable in the
Locking Lug area of Receiver or
chamber area of Bbl.

USE BACK SIDE OF THIS CARD TO RECORD EACH LOT INSPECTED.

ALL BLOCKS MUST BE PROPERLY FILLED IN.

LEV III.
INSP. _____

Peter J. Con
9-21-88

FORM QP-0041-1

BARBER - M24 0066487

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 0066487 0066526

QP 0041

DATE	MFG. ORDER NO.	QUANTITY	SERIAL #	QUANTITY OF PARTS ACCEPTED	REJECTED
9-21-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 2500 Rds	C-6225254	1-OK	
9-30-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 5000 RDS	C-6225254	1-OK	
10-3-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 6000 Rds.	C-6225254	1-OK	
10-5-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 7000 Rds	C-6225254	1-OK	
10-11-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 8000 Rds	C-6225254	1-OK	
10-12-88 <i>Pfe.</i>		1 ENDURANCE GUN AT 9000 Rd	C-6225254	1-OK	
10-17-88 <i>P.T. CROSS</i>		1 ENDURANCE GUN AT 10,000 Rds	C-6225254	1-OK	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225254

CENTROIDAL DISTANCES

Ø TO	1	1.26702
1 TO	2	1.2664
1 TO	3	1.13502
1 TO	4	.987662
1 TO	5	.639766

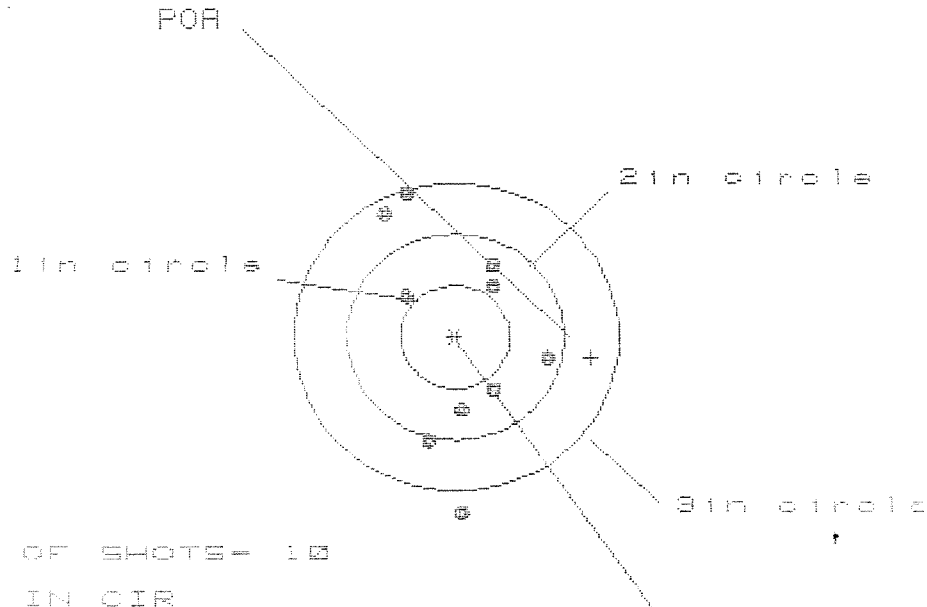
1 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8316
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0246
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .831964
THE AMR FOR THIS RIFLE IS: 1.265

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225254A

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

HS= 1.515

VS= 3.045

GS= 3.087

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.827	.829	.767
MINIMUM X	-.688	-.686	-.748
MAXIMUM Y	1.344	1.155	1.145
MINIMUM Y	-1.701	-1.153	-1.089
CENTROID X	-1.250	-1.252	-1.190
CENTROID Y	.207	.396	.252
POR TO CENTROID in.	1.267	1.313	1.215
MIN RADIUS	.567	.472	.532
MEAN RADIUS	.953	.862	.800
MAX RADIUS	1.701	1.255	1.368
HORIZONTAL SPREAD	1.515	1.515	1.515
VERTICAL SPREAD	3.045	2.308	2.154
EXTREME SPREAD	3.087	2.316	2.189
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225254

CENTROIDAL DISTANCES

0	TO	1	1.26702
1	TO	2	1.2664
1	TO	3	1.13501
1	TO	4	.967662
1	TO	5	95.2087

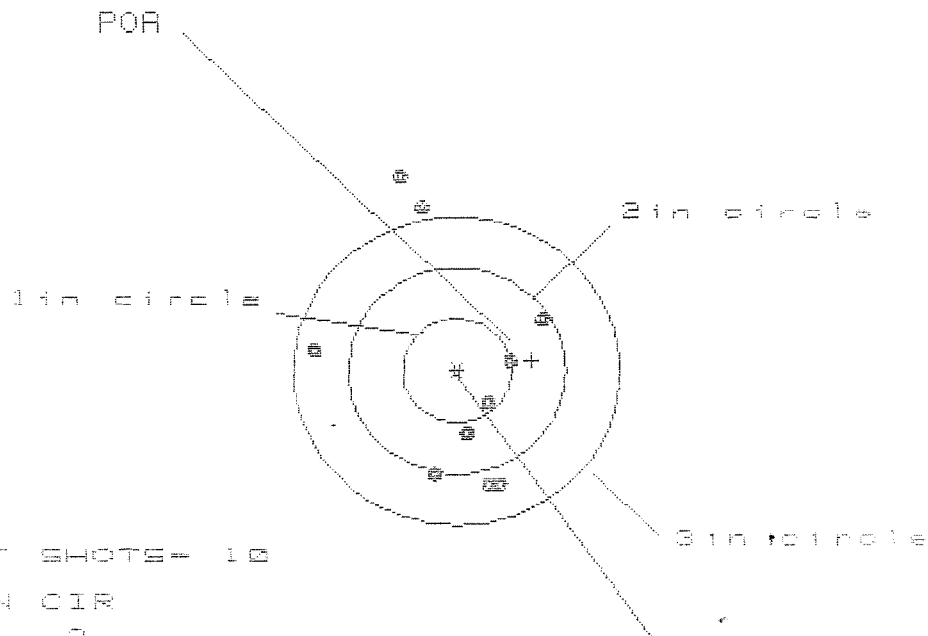
$\bar{x}$ $\bar{y}$ $\bar{r}$ $\bar{r}^2$
 1 2 3 4 5 6 7 8 9 10
 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8316
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -19.0052
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 19.0234
 THE AMP FOR THIS RIFLE IS: 1.205

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225254A

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 0

HSE= 2.130

VS= 3.063

GS= 3.199

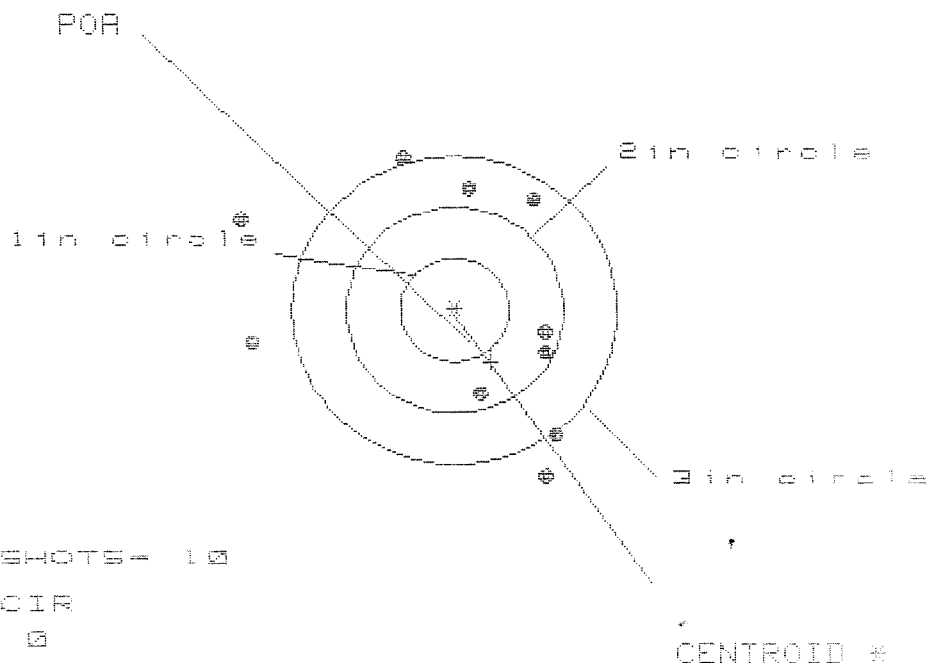
CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.806
MINIMUM X	-1.324
MAXIMUM Y	1.929
MINIMUM Y	-1.134
CENTROID X	-.686
CENTROID Y	-.095
POA TO CENTROID in.	.693
MIN RADIUS	.412
MEAN RADIUS	1.084
MAX RADIUS	2.005
HORIZONTAL SPREAD	2.130
VERTICAL SPREAD	3.063
EXTREME SPREAD	3.199
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	4

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225254A

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS= 2.836

VS= 3.050

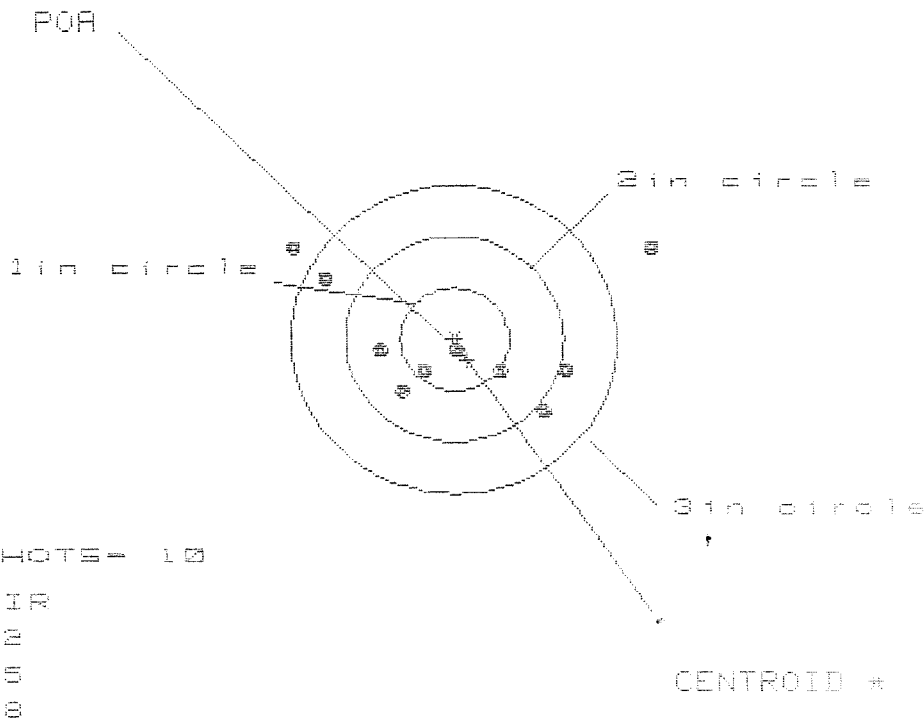
GS= 3.716

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.899
MINIMUM X	:	-1.937
MAXIMUM Y	:	1.456
MINIMUM Y	:	-1.594
CENTROID X	:	-.331
CENTROID Y	:	.510
POA TO CENTROID in.	:	.608
MIN RADIUS	:	.802
MEAN RADIUS	:	1.396
MAX RADIUS	:	2.126
HORIZONTAL SPREAD	:	2.836
VERTICAL SPREAD	:	3.050
EXTREME SPREAD	:	3.716
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	5

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225254R

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HD= 3.329

VS= 1.609

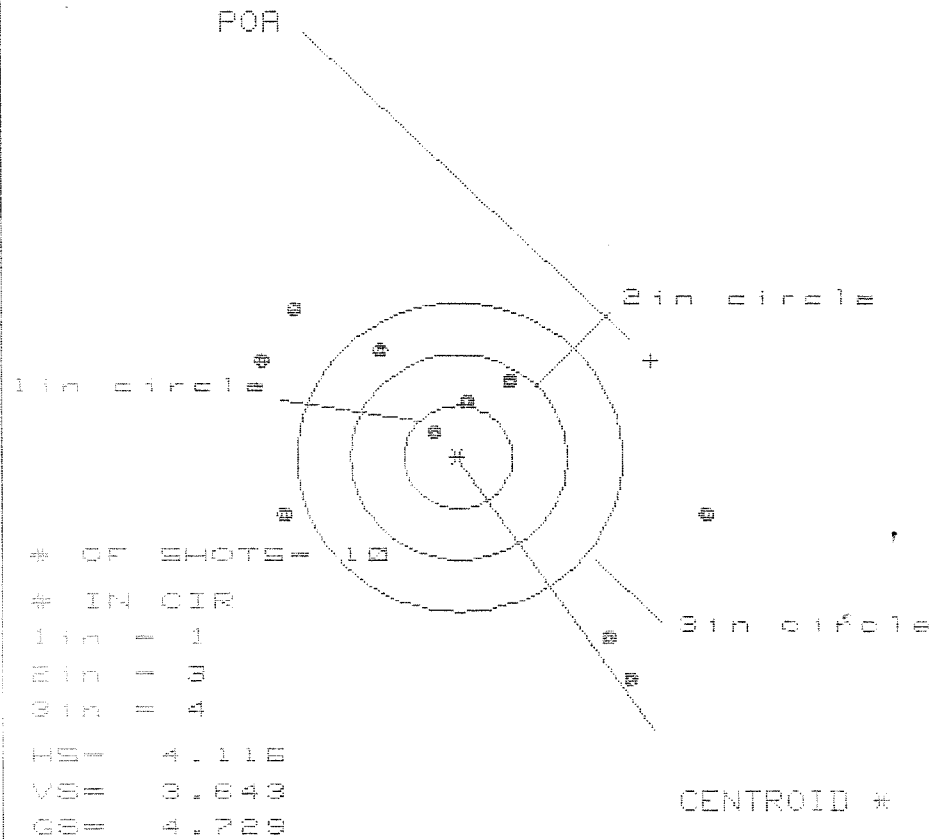
GS= 3.329

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.817
MINIMUM X	-1.512
MAXIMUM Y	.873
MINIMUM Y	-.736
CENTROID X	-.115
CENTROID Y	.202
POR TO CENTROID in.	.233
MIN RADIUS	.152
MEAN RADIUS	.970
MAX RADIUS	2.016
HORIZONTAL SPREAD	3.329
VERTICAL SPREAD	1.609
EXTREME SPREAD	3.329
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 5
NUMBER IN THREE INCH CIRCLE	= 8

12 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225254A

CENTERFIRE PATTERNS # 2



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.322	2.493	1.856
MINIMUM X	-1.794	-1.623	-1.312
MAXIMUM Y	1.480	1.240	1.137
MINIMUM Y	-2.163	-1.972	-2.075
CENTROID X	-1.776	-1.947	-2.258
CENTROID Y	-.945	-.705	-.682
POA TO CENTROID in.	2.012	2.070	2.337
MIN RADIUS	.344	.060	.268
MEAN RADIUS	1.616	1.404	1.233
MAX RADIUS	2.651	2.626	2.784
HORIZONTAL SPREAD	4.116	4.116	3.168
VERTICAL SPREAD	3.643	3.212	3.212
EXTREME SPREAD	4.729	4.381	4.298
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	4		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225254

CENTROIDAL DISTANCES

0 TO	1	.936673
1 TO	2	.952647
1 TO	3	.655626
1 TO	4	.800615
1 TO	5	.993712

avg 1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3844
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1192
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .326987
THE AMP FOR THIS RIFLE IS: .9516

ENDURANCE RIFLE @ 500 RDS

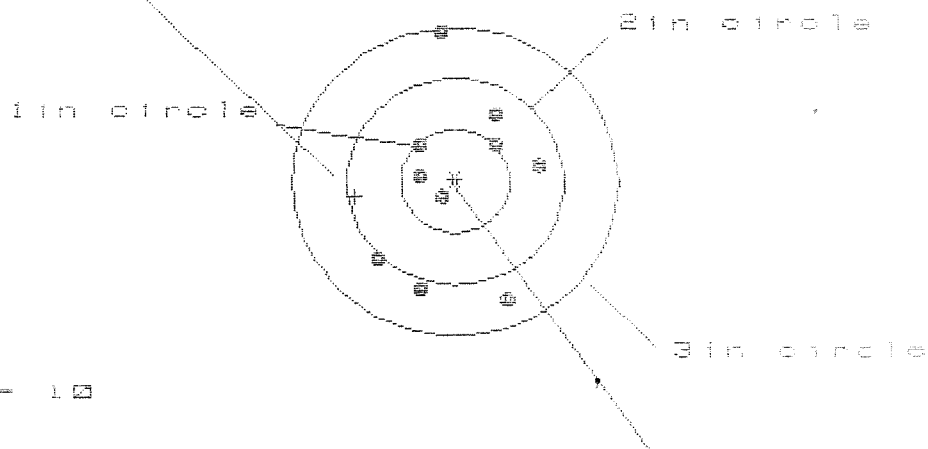
AVG. CENTROID DIFFERENCE FROM START TO
500 ROUND LEVEL = 1.1 inches

14 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/END5005254

CENTERFIRE PATTERNS # 1

POR



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.584

VS = 2.531

GS = 2.593

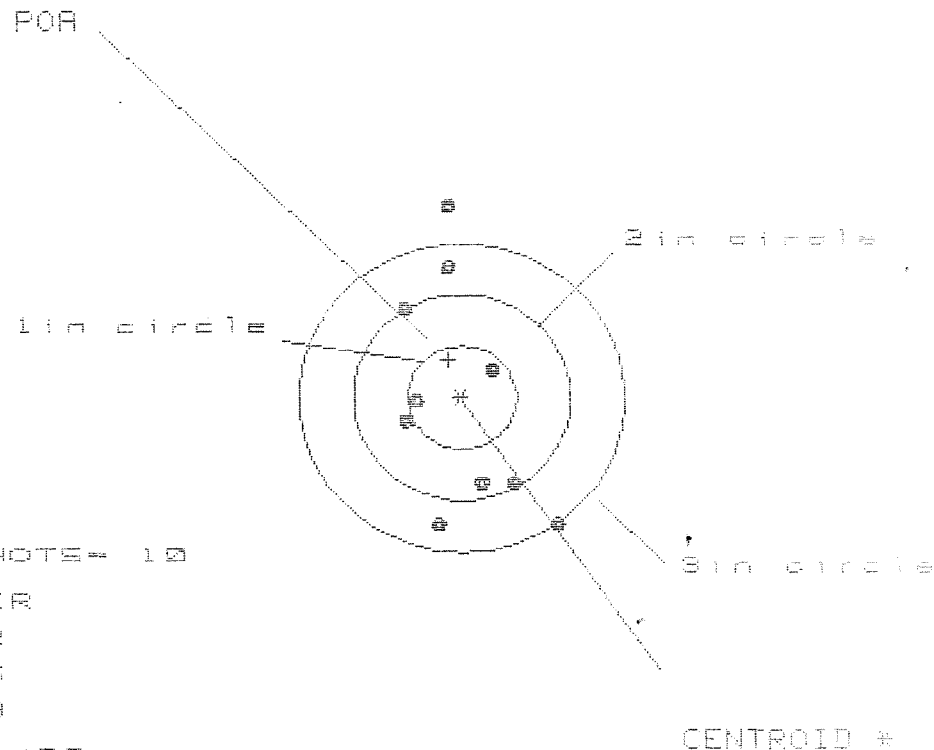
CENTROID *

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.869	.861	.861
MINIMUM X	-.775	-.783	-.723
MAXIMUM Y	1.438	.852	.736
MINIMUM Y	-1.093	-.934	-.996
CENTROID X	.926	.934	.874
CENTROID Y	.141	-.018	.098
POR TO CENTROID in.	.936	.934	.880
MIN RADIUS	.288	.135	.144
MEAN RADIUS	.803	.734	.669
MAX RADIUS	1.440	1.050	1.040
HORIZONTAL SPREAD	1.584	1.584	1.584
VERTICAL SPREAD	2.531	1.786	1.732
EXTREME SPREAD	2.593	1.861	1.861
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

14 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/END05005254

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

MS= 1.435

VS= 3.175

GS= 3.279

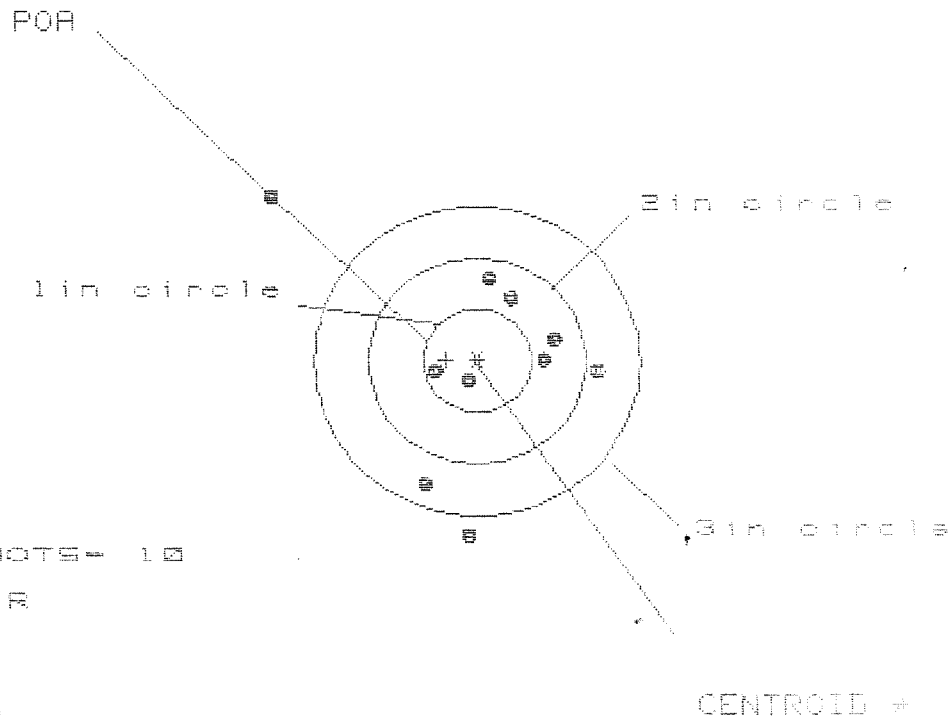
CENTROID *

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.918
MINIMUM X	:	-.518
MAXIMUM Y	:	1.915
MINIMUM Y	:	-1.259
CENTROID X	:	.122
CENTROID Y	:	-.370
POR TO CENTROID in.	:	.390
MIN RADIUS	:	.368
MEAN RADIUS	:	1.012
MAX RADIUS	:	1.922
HORIZONTAL SPREAD	:	1.436
VERTICAL SPREAD	:	3.175
EXTREME SPREAD	:	3.279
NUMBER IN ONE INCH CIRCLE	=	2
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

14 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/END5805254

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 3.072

VS= 3.298

GS= 3.763

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.150
MINIMUM X	-1.922
MAXIMUM Y	1.614
MINIMUM Y	-1.684
CENTROID X	.288
CENTROID Y	-.010
POR TO CENTROID in.	.288
MIN RADIUS	.230
MEAN RADIUS	1.025
MAX RADIUS	2.510
HORIZONTAL SPREAD	3.072
VERTICAL SPREAD	3.298
EXTREME SPREAD	3.763
NUMBER IN ONE INCH CIRCLE	= 2
NUMBER IN TWO INCH CIRCLE	= 6
NUMBER IN THREE INCH CIRCLE	= 8

14 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/END5005254

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.887

VS = 3.073

GS = 3.081

CENTROID *

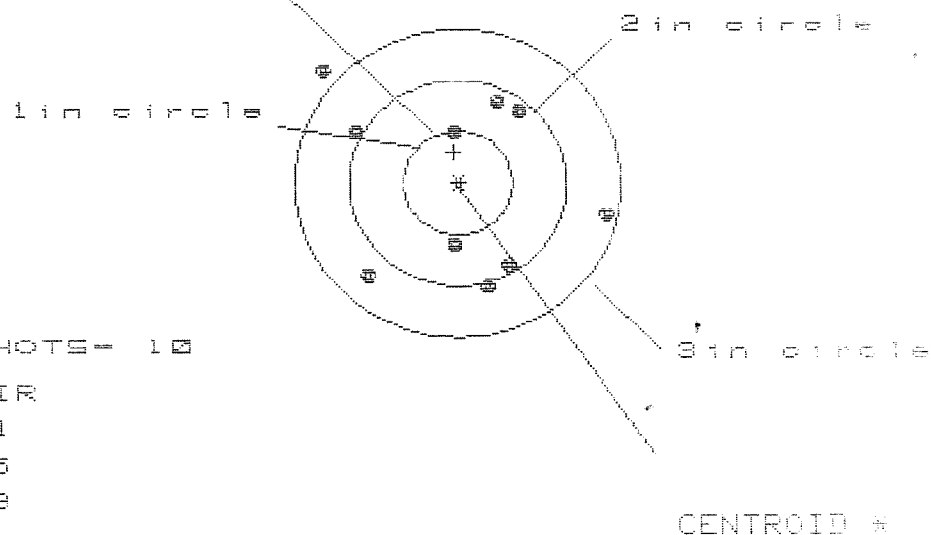
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.898	.826
MINIMUM X	:	-1.085	-1.089	-1.167
MAXIMUM Y	:	1.553	.695	.527
MINIMUM Y	:	-1.520	-1.348	-.525
CENTROID X	:	.150	.234	.311
CENTROID Y	:	-.056	-.228	-.060
POR TO CENTROID in.	:	.160	.327	.317
MIN RADIUS	:	.085	.118	.111
MEAN RADIUS	:	.902	.816	.684
MAX RADIUS	:	1.726	1.484	1.324
HORIZONTAL SPREAD	:	1.987	1.987	1.987
VERTICAL SPREAD	:	3.073	2.043	1.152
EXTREME SPREAD	:	3.081	2.201	2.080
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

14 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/END5805254

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 0

HS = 2.607

VS = 2.123

GS = 2.971

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.405
MINIMUM X	-1.202
MAXIMUM Y	1.112
MINIMUM Y	-1.011
CENTROID X	.036
CENTROID Y	-.301
POA TO CENTROID in.	.303
MIN RADIUS	.500
MEAN RADIUS	1.016
MAX RADIUS	1.637
HORIZONTAL SPREAD	2.607
VERTICAL SPREAD	2.123
EXTREME SPREAD	2.971
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	5
NUMBER IN THREE INCH CIRCLE	9

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 5254E4500

C622 5254

CENTROIDAL DISTANCES

0 TO	1	1.12699
1 TO	2	.914245
1 TO	3	1.29781
1 TO	4	1.01136
1 TO	5	.991146

2 49t3 <----POA
1

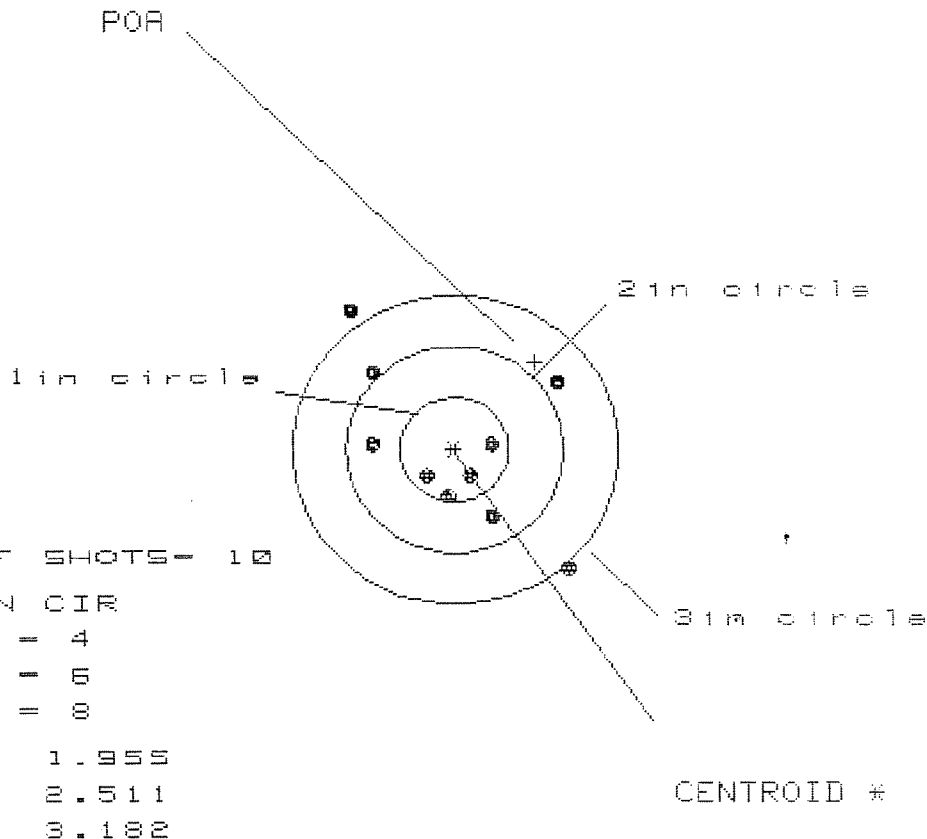
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3714
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1598
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .404319

THE AMR FOR THIS RIFLE IS: 1.206

29 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/E14500

CENTERFIRE PATTERNS # 1

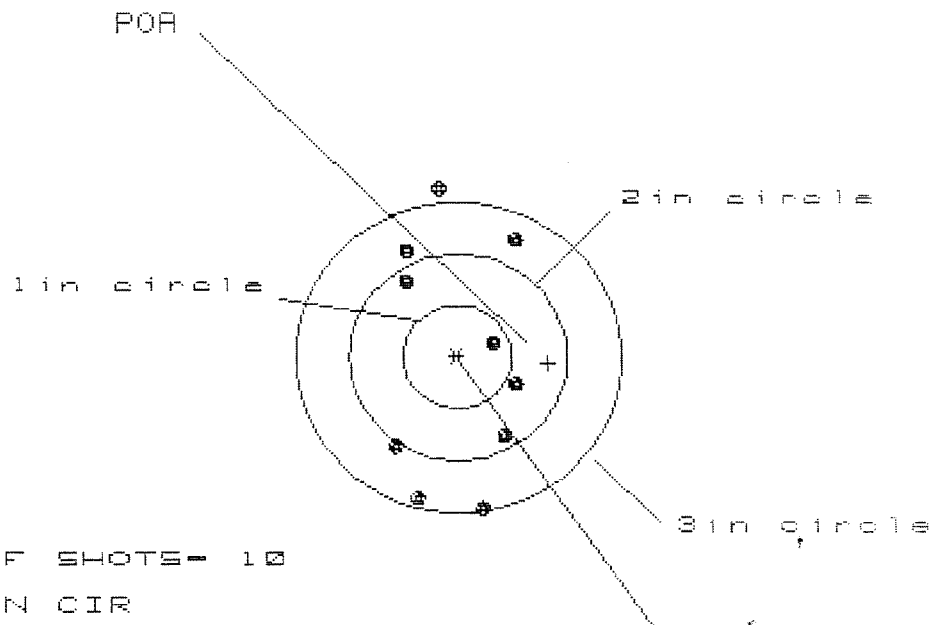


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.044	.943	.937
MINIMUM X	-.911	-.892	-.774
MAXIMUM Y	1.338	.863	.735
MINIMUM Y	-1.173	-1.025	-.655
CENTROID X	-.740	-.639	-.757
CENTROID Y	-.850	-.998	-.870
POA TO CENTROID in.	1.127	1.185	1.153
MIN RADIUS	.262	.095	.250
MEAN RADIUS	.837	.712	.643
MAX RADIUS	1.618	1.393	1.148
HORIZONTAL SPREAD	1.955	1.835	1.711
VERTICAL SPREAD	2.511	1.888	1.390
EXTREME SPREAD	3.182	2.633	1.822
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

29 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/E14500

CENTERFIRE PATTERNS # 2

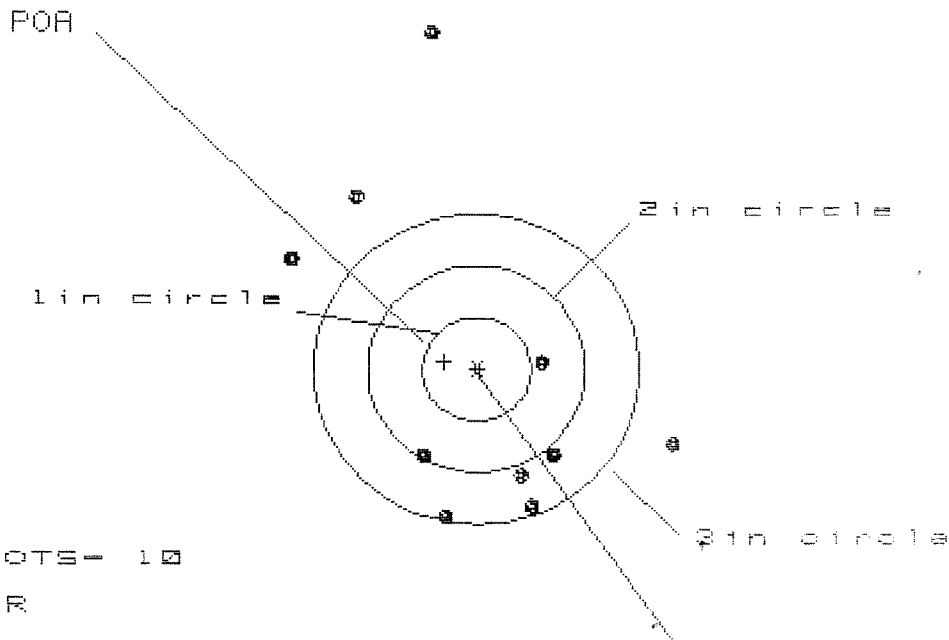


PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.565	.544	.575
MINIMUM X	-.543	-.564	-.533
MAXIMUM Y	1.605	1.349	1.185
MINIMUM Y	-1.494	-1.315	-1.351
CENTROID X	-.828	-.807	-.838
CENTROID Y	.060	-.118	.047
POA TO CENTROID in.	.831	.816	.839
MIN RADIUS	.334	.438	.349
MEAN RADIUS	1.068	.995	.945
MAX RADIUS	1.617	1.444	1.406
HORIZONTAL SPREAD	1.108	1.108	1.108
VERTICAL SPREAD	3.099	2.664	2.535
EXTREME SPREAD	3.132	2.703	2.703
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	8	

29 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/E14500

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.492

VS= 4.671

GS= 4.674

CENTROID #

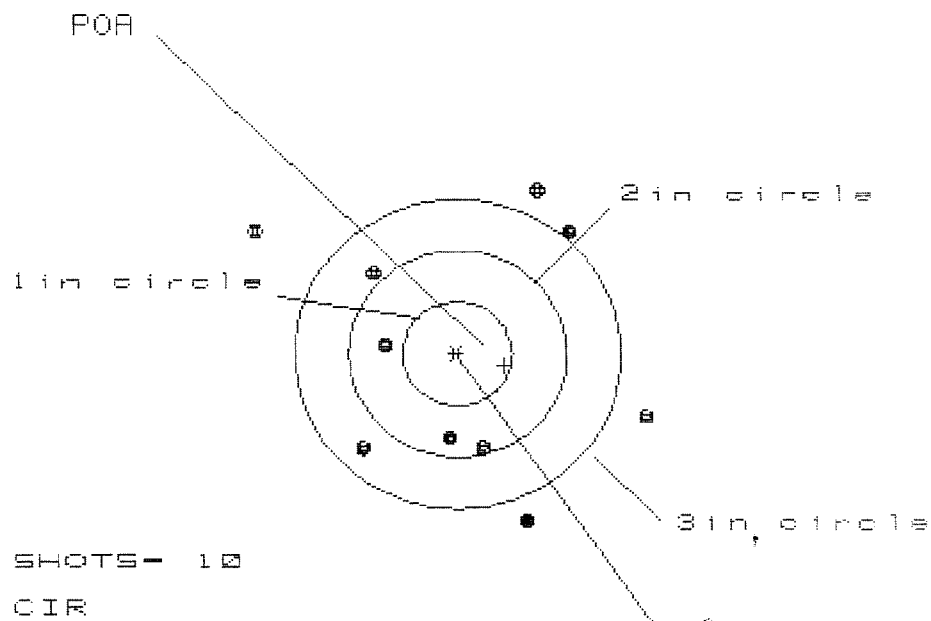
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.774	1.726	1.586
MINIMUM X	:	-1.718	-1.766	-1.906
MAXIMUM Y	:	3.242	2.076	1.656
MINIMUM Y	:	-1.429	-1.069	-0.810
CENTROID X	:	.301	.349	.489
CENTROID Y	:	-.075	-.435	-.694
POA TO CENTROID in.	:	.310	.557	.849
MIN RADIUS	:	.581	.694	.456
MEAN RADIUS	:	1.578	1.277	1.042
MAX RADIUS	:	3.270	2.361	2.525
HORIZONTAL SPREAD	:	3.492	3.492	3.492
VERTICAL SPREAD	:	4.671	3.145	2.466
EXTREME SPREAD	:	4.674	3.919	3.919
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

29 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/E14580

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS= 3.548

VS= 3.197

GS= 3.979

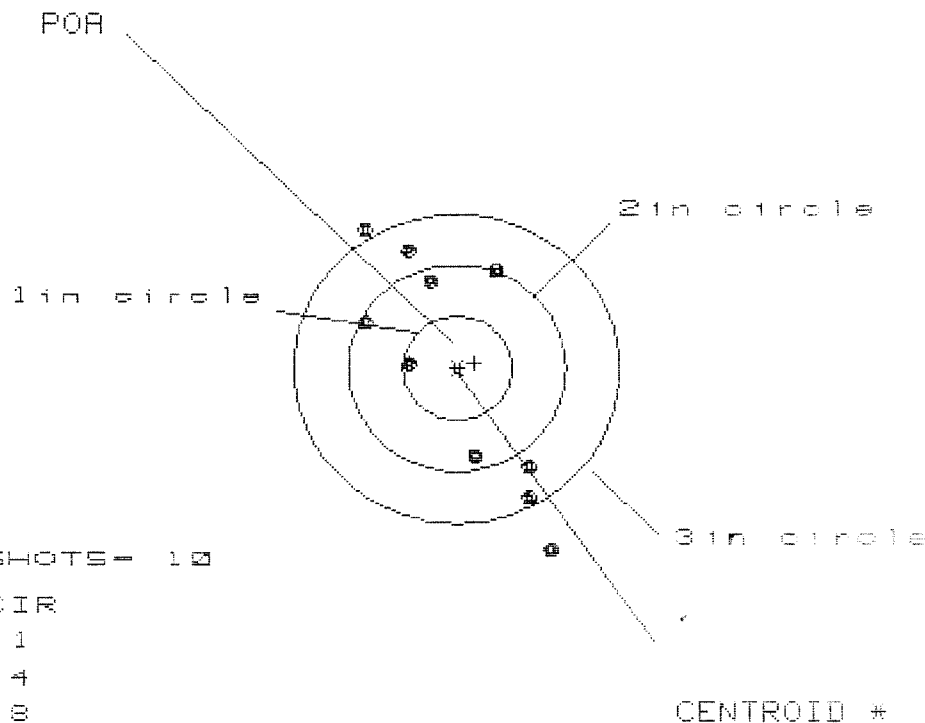
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.712	1.508	1.056
MINIMUM X	:	-1.836	-1.095	-.987
MAXIMUM Y	:	1.620	1.752	1.692
MINIMUM Y	:	-1.577	-1.445	-1.505
CENTROID X	:	-.431	-.227	-.415
CENTROID Y	:	.113	-.019	.041
POA TO CENTROID in.	:	.445	.227	.417
MIN RADIUS	:	.724	.758	.752
MEAN RADIUS	:	1.397	1.300	1.239
MAX RADIUS	:	2.187	1.818	1.821
HORIZONTAL SPREAD	:	3.548	2.603	1.963
VERTICAL SPREAD	:	3.197	3.197	3.197
EXTREME SPREAD	:	3.979	3.197	3.197
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

29 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/E14580

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 1.700

VS = 3.185

GS = 3.610

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.869	.760	.668
MINIMUM X	-.831	-.734	-.809
MAXIMUM Y	1.395	1.196	1.115
MINIMUM Y	-1.790	-1.404	-1.254
CENTROID X	-.159	-.256	-.164
CENTROID Y	-.047	.152	.002
POA TO CENTROID in.	.166	.297	.164
MIN RADIUS	.399	.324	.389
MEAN RADIUS	1.152	1.017	.984
MAX RADIUS	1.990	1.581	1.406
HORIZONTAL SPREAD	1.700	1.494	1.477
VERTICAL SPREAD	3.185	2.600	2.369
EXTREME SPREAD	3.610	2.982	2.601
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER DH/AC DATE 9-15-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
—	7.62 ^{MM} NATO	30 DH	OK	—
—	—	30 DH	OK	—
—	—	30 DH	OK	—
—	—	30 DH	OK	—
—	—	30 DH	OK	—
		30 DH	OK 9/15/88	—
	7.62 mm NATO	30 AC	OK 9-16-88	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 AC	OK	—
	"	30 DH	OK	9-18-88
total	Rounds	660		

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER D14/AC DATE 9-17-88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C6725254 SHOOTER DH/AC DATE 9/22/88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER AC/DH DATE 7/23/88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62 ^{MM} NATO	30 DH	OK 9/23/88	
	"	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK 9/24/88	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	" "	30 DH	OK	
	7.62mm	30 AC	OK 9/26/88	NONE
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
	7.62mm	30 AC	OK	
total	rounds	660		

SWS ENDURANCE TEST REPORT

 SERIAL NO. C6225254 SHOOTER AC. / D.H. DATE 9/26/88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62mm Wato	30 AC	OK	NONE
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	_____
	7.62mm	30 AC	OK	9/27/88
	7.62mm	30 AC	OK	NONE
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
	" "	30 DH	OK	_____
		4440	OK	9/27/88
		60	OK	9/28/88
	TOTAL	4500		

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER A.C. / DH DATE 9/28/88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER AC/O.H. DATE 10-3-88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER DH/AC DATE 10-4-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
762	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
	30 DH	OK		
TOTAL	660			

SWS ENDURANCE TEST REPORT

SERIAL NO. C 6225259 SHOOTER DH/JS DATE 10-4-88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER D/H DATE 10/6/88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C-6225254 SHOOTER JES DATE 10-7-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
.	762 NAO	30 - J.S	OK	NONE
		30 . JS	OK	"
		30 - J.S	C.K	"
		30 J.S.	O.K	"
		30 . J.S	O.K	"
		30 - J.S	OK.	"
		30 J.S	O.K	"
		30 . J.S	OK	"
		30 - J.S	OK	"
		30 . J.S	O.K	"
TOTAL		300 660		
		30 DH OK	10-11-88	NONE
		30 DH OK		
		30 DH OK		
		30 DH OK		
		30 DH OK		
		30 DH OK		
		30 DH OK		
		30 DH OK		
		30 DH OK		
		40 DH OK		
TOTAL		340 <u>660</u> 1000	8000	REAR SIGHT BASES TWISTED OFF AT HEAD REASSEMBLY. REPLACED

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225294 SHOOTER DA DATE 10-12-88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. CG725254 SHOOTER DH DATE 10-13-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
7.62	NATO	30 D/H	—	None
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		" "
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		
		30 D/H		
		40 D/H		" "
		400		
TOTAL		9000 D/H	10-13-88	

SWS ENDURANCE TEST REPORT

SERIAL NO. 06225254 SHOOTER A.C. DATE 10-14-88

[illegible]

SWS ENDURANCE TEST REPORT

SERIAL NO. C. 6225254 SHOOTER AC DATE 10-14-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	30	OK	_____
	7.62 nato	10		_____
total	Rounds	340		
	+	660		
		1000		
		1000		
total	10,	000		

E 5000

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225254

CENTROIDAL DISTANCES

0 TO	1	1.01786
1 TO	2	1.43684
1 TO	3	1.35192
1 TO	4	1.14032
1 TO	5	1.19202

5²
+ 43 <----POA

1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .180
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1286
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .223667

THE AMR FOR THIS RIFLE IS: 1.036

Average centroid difference from 4500
to 5000 round level = 0.8 inches

30 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225254.1

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.786

VS= 3.313

GS= 3.355

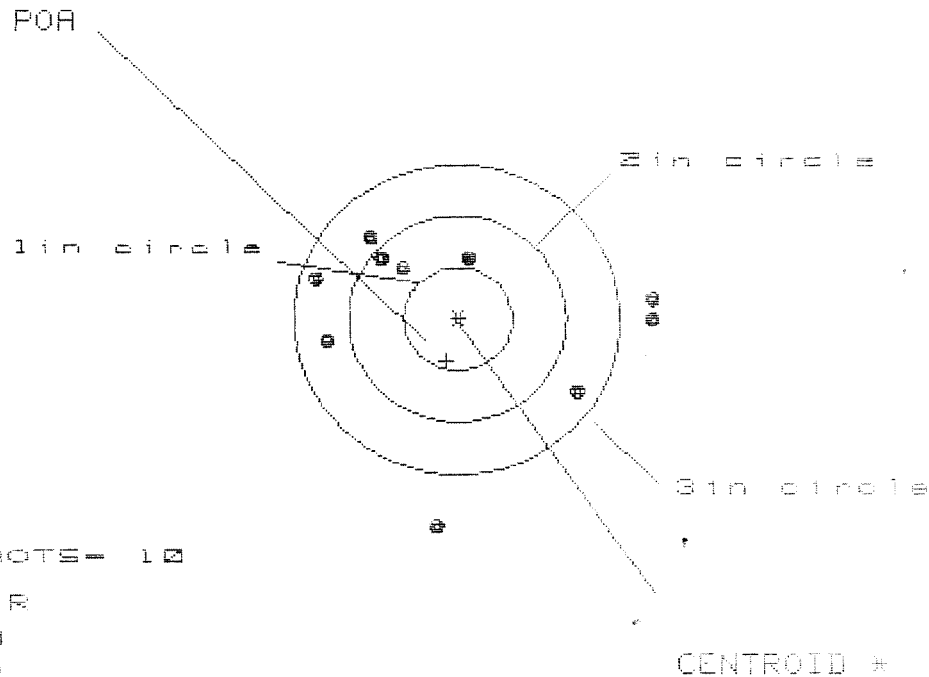
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.761	1.738	.994
MINIMUM X	:	-1.025	-1.048	-.831
MAXIMUM Y	:	1.324	1.103	1.087
MINIMUM Y	:	-1.989	-.803	-.819
CENTROID X	:	-.205	-.182	-.399
CENTROID Y	:	-.997	-.776	-.760
POA TO CENTROID in.	:	1.018	.797	.859
MIN RADIUS	:	.402	.430	.349
MEAN RADIUS	:	1.098	.974	.842
MAX RADIUS	:	2.000	1.742	1.269
HORIZONTAL SPREAD	:	2.786	2.786	1.825
VERTICAL SPREAD	:	3.313	1.906	1.906
EXTREME SPREAD	:	3.355	2.819	2.141
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

30 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225254.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

3in = 7

HS= 3.089

VS= 2.871

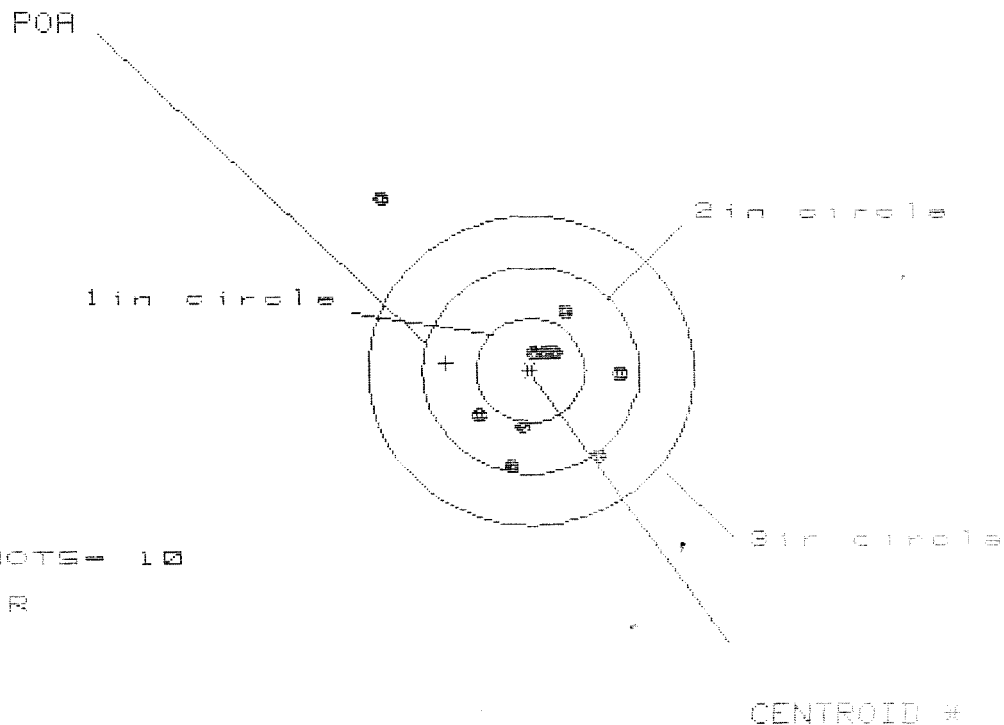
GS= 3.124

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.771	1.750	1.952
MINIMUM X	:	-1.318	-1.339	-1.121
MAXIMUM Y	:	.834	.608	.575
MINIMUM Y	:	-2.037	-.974	-1.007
CENTROID X	:	.105	.126	-.092
CENTROID Y	:	.406	.632	.665
POA TO CENTROID in.	:	.419	.645	.671
MIN RADIUS	:	.627	.401	.366
MEAN RADIUS	:	1.292	1.160	1.017
MAX RADIUS	:	2.047	1.769	1.955
HORIZONTAL SPREAD	:	3.089	3.089	3.073
VERTICAL SPREAD	:	2.871	1.582	1.582
EXTREME SPREAD	:	3.124	3.124	3.085
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225254.1

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 3

3 in = 3

HS = 2.214

VS = 2.568

GS = 3.156

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.803
MINIMUM X	-1.411
MAXIMUM Y	1.665
MINIMUM Y	-.903
CENTROID X	.780
CENTROID Y	-.071
POA TO CENTROID in.	.793
MIN RADIUS	.138
MEAN RADIUS	.735
MAX RADIUS	2.182
HORIZONTAL SPREAD	2.214
VERTICAL SPREAD	2.568
EXTREME SPREAD	3.156
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	9
NUMBER IN THREE INCH CIRCLE =	9

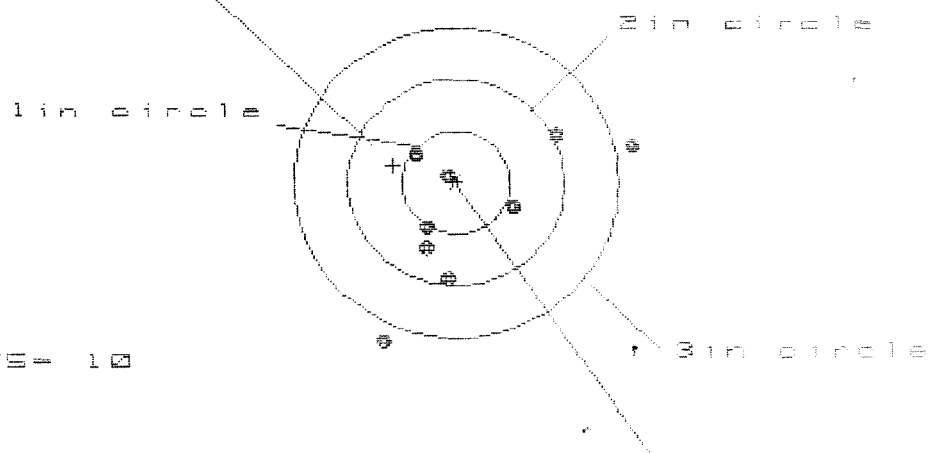
30 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225254.1

CENTERFIRE PATTERNS

4

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS = 3.007

VS = 3.936

GS = 4.005

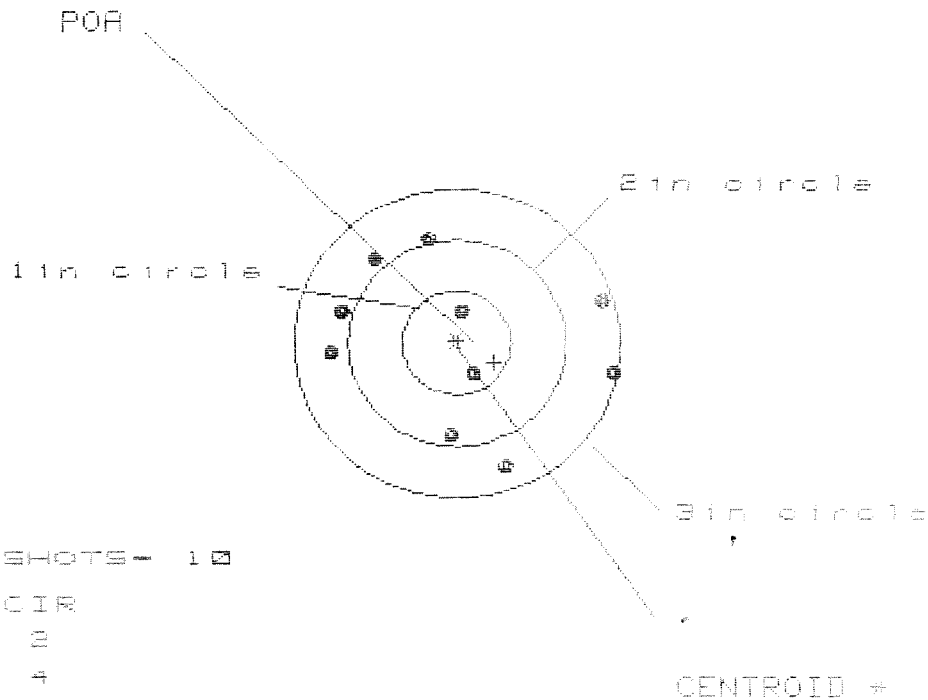
CENTROID *

PATTERN #	1	4	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.588	1.430	.983
MINIMUM X	-1.419	-.839	-.660
MAXIMUM Y	2.447	.747	.832
MINIMUM Y	-1.489	-1.217	-1.132
CENTROID X	.578	.736	.557
CENTROID Y	-.168	-.440	-.525
POA TO CENTROID in.	.602	.858	.765
MIN RADIUS	.051	.363	.274
MEAN RADIUS	1.035	.815	.683
MAX RADIUS	2.829	1.582	1.311
HORIZONTAL SPREAD	3.007	2.269	1.643
VERTICAL SPREAD	3.936	1.964	1.964
EXTREME SPREAD	4.005	2.955	2.561
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	7	

30 Sep 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225254.1

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.681

VS = 2.171

GS = 2.688

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.482	1.496	.826
MINIMUM X	-1.199	-1.035	-.847
MAXIMUM Y	.964	.935	.988
MINIMUM Y	-1.207	-1.236	-1.183
CENTROID X	-.343	-.507	-.695
CENTROID Y	.187	.216	.163
POA TO CENTROID in.	.390	.552	.713
MIN RADIUS	.291	.312	.476
MEAN RADIUS	1.020	.953	.870
MAX RADIUS	1.505	1.557	1.442
HORIZONTAL SPREAD	2.681	2.531	1.673
VERTICAL SPREAD	2.171	2.171	2.171
EXTREME SPREAD	2.688	2.587	2.360
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

- Trigger pull set at upper limit
- No Swivels & Studs - interfere with gate - 9/11/88

Sheet 1 of 18

SWS ENDURANCE TEST REPORT

SERIAL NO. C6225254 SHOOTER AC/OH DATE 9/13/88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
.	7.62 mm NATO	30 DH	OK	—
	7.62 mm NATO	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	30 DH	OK	—
	" "	30 AC	OK	—
	" "	20 AC	OK	—
		440	OK	— 9-14-88
	" "	D.H 60	TARGET TEST	9-14-88
	" "	30 DH	OK	9/14-88
	" "	30 AC	OK	9/14/88
	" "	30 DH	OK	—
total Rounds		590		

SWS ENDURANCE TEST REPORT

 SERIAL NO. C6225254 SHOOTER AC/OH DATE 7-14-88

AMMO CODE	AMMO TYPE	RDS.	RESULTS	OBSERVATIONS
	7.62 mm Nato.	30 AC	OK	
	—	30 OH	OK	
	—	30 A.G.	OK	
	—	30 DH	OK	
	—	30 DH	OK	
	—	30 DH	OK	
	—	30 DH	OK	
	—	30 DH	OK	
	7.62 mm Nato	30 AC	OK	9-15-88
	—	30 AC	OK	
	—	30 AC	OK	
	—	30 DH	OK	
	—	30 AC	OK	
	—	30 DH	OK	
	—	30 AC	OK	
	—	30 DH	OK	
	—	30 AC	OK	
	—	30 DH	OK	
	—	30 AC	OK	
	—	30 DH	OK	
	—	30 DH	OK	
	—	30 DH	OK	
total	Rounds	660		

Repair Inquiry

Repair Number: RE00059328

Serial: C6649214 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 1/10/2003 8:29:13 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS ARMY NAT GUARD

USPFO FOR ARKANSAS ARMY NAT GUARD

Address 2: CAMP JOSEPH T ROBINSON

PO Box:

CAMP JOSEPH T ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

neglelj

1/10/2003

9:36 AM

CAPS

NUM

INS

SCRL

start

2 Macros...

3 Macros...

Arms Servi...

My Docu...

My Exe...

2 SAP L...

9:36 AM

Serial
Number:

C6649214

Model: 700



RE00059328

FINAL INSPECTION CHECKLIST M-24 REPAIRS

CONTRACT #: DAAE-20-02-D-0127

SERIAL # C 60649214INSPECTED BY: RTLDATE REC'D: 1-10-03DATE RET'D: 1-30-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

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

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

INITIAL & CYCLE TESTS

BARBER - M24 0066534

3.00# ± .75#

4.00# ± 1.00#

DATE 1-13-03

TESTER

TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.40		2.17	MIN. SETTING
PULL #2	2.45	2.22		2.19	NO AVG. OF 5
PULL #3	2.50	2.20		2.18	READINGS ACCEPT
PULL #4	2.46	2.19		2.16	ABLE LESS THAN
PULL #5	2.45	2.20		2.17	
TOTAL	12.30	11.21		10.87	
AVG.	2.46	2.24		2.17	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.17		
PULL #2	3.09	3.09		
PULL #3	3.08	3.04		
PULL #4	3.02	3.05		
PULL #5	3.04	3.08		
TOTAL	15.36	15.43		
AVG.	3.07	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.12	4.44		4.12
PULL #2	4.30	4.28		4.08
PULL #3	4.38	4.29		4.10
PULL #4	4.36	4.30		4.16
PULL #5	4.34	4.28		4.17
TOTAL	21.50	21.59		20.63
AVG.	4.30	4.31		4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6649214.__0
FILE DATE AND TIME: 01/29/2003 15:08

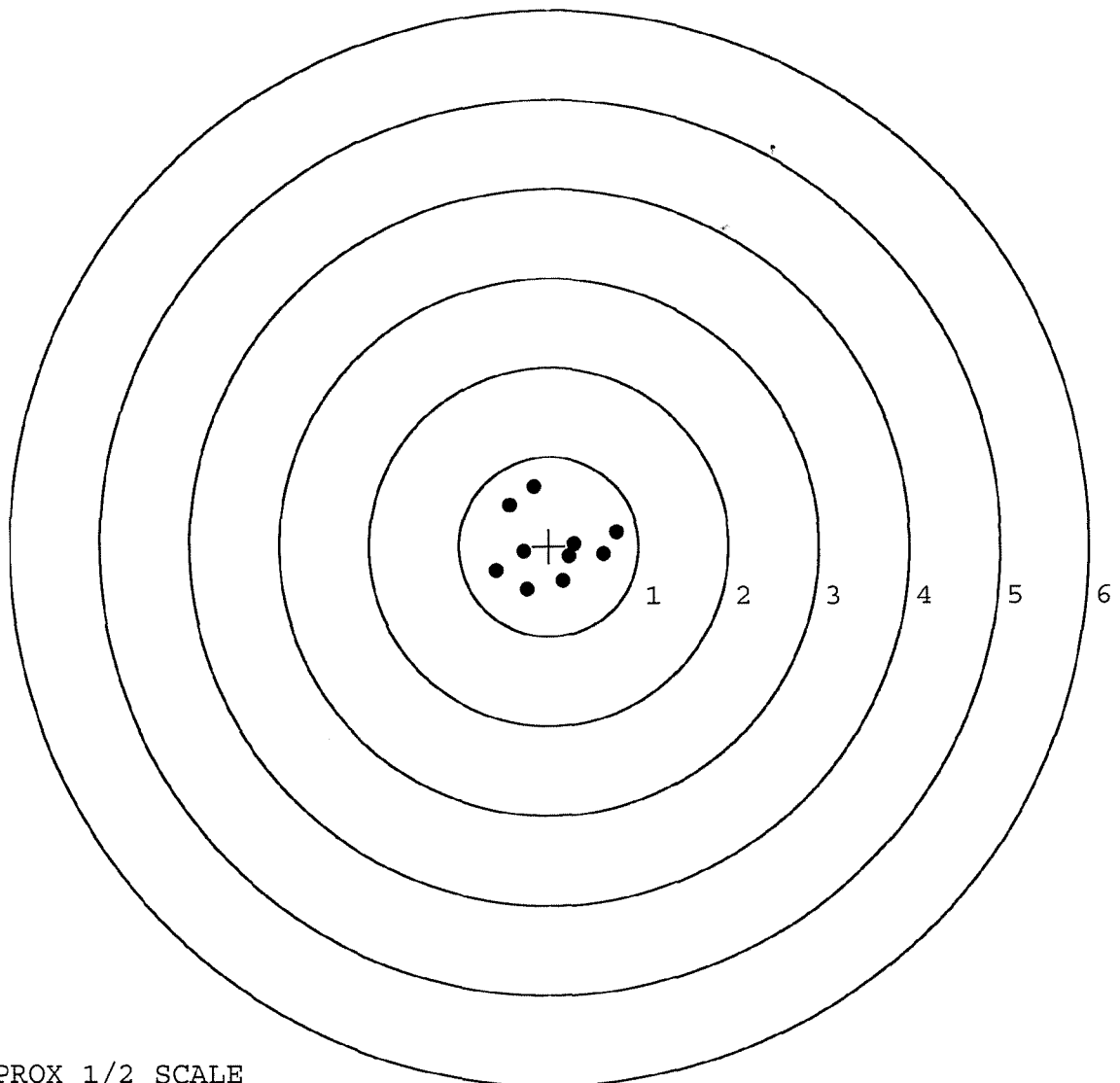
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.052
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.611
The Distance from POA to Centroid Target #1:	0.032
The Distance from Centroid Target #2 to Centroid Target #1:	0.127
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.182
The Distance from Centroid Target #5 to Centroid Target #1:	0.162

SERIAL NUMBER: C6649214. __0
 TARGET NUMBER: 1
 FILE DATE: 01/29/2003
 FILE TIME: 15:08

X CENTROID: 0.030
 Y CENTROID: -0.010
 POA TO CENTROID: 0.032
 HORZ SPREAD: 1.344
 VERT SPREAD: 1.144
 GROUP SPREAD: 1.411
 MIN RADIUS: 0.218
 MAX RADIUS: 0.746
 MEAN RADIUS: 0.511
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.757	0.158
2:	0.613	-0.092
3:	0.282	0.027
4:	0.225	-0.107
5:	0.156	-0.387
6:	-0.248	-0.481
7:	-0.286	-0.066
8:	-0.167	0.663
9:	-0.445	0.456
10:	-0.587	-0.271



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 2

FILE DATE: 01/29/2003

FILE TIME: 15:08

POINT#	X	Y
1:	0.623	-0.875
2:	0.652	0.149
3:	0.322	-0.405
4:	-0.658	0.625
5:	-0.892	0.252
6:	-0.488	-0.004
7:	-0.245	0.395
8:	-0.006	0.159
9:	-0.055	-0.189
10:	-0.187	0.092

X CENTROID: -0.093

Y CENTROID: 0.020

POA TO CENTROID: 0.095

HORZ SPREAD: 1.544

VERT SPREAD: 1.500

GROUP SPREAD: 1.973

MIN RADIUS: 0.118

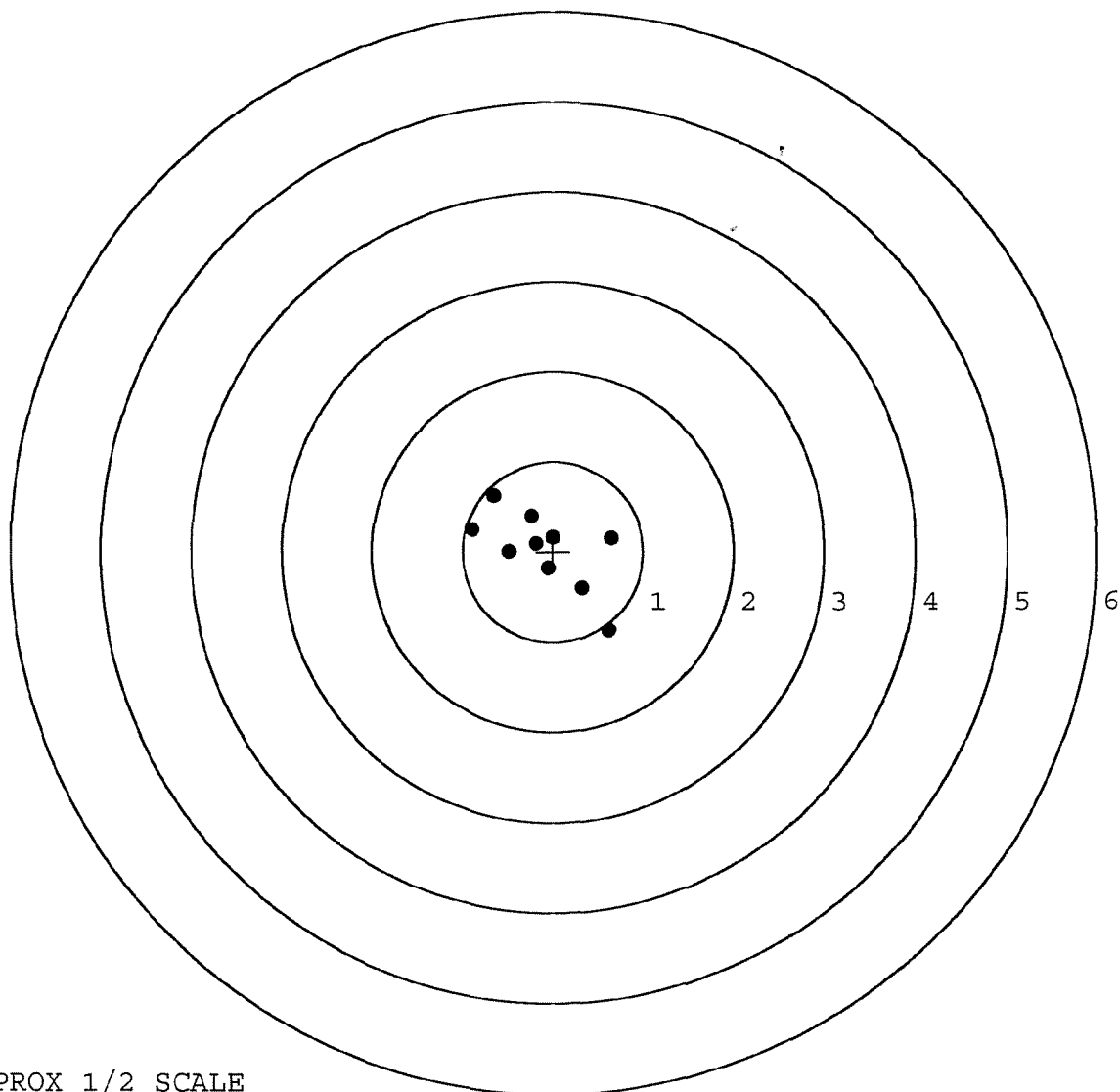
MAX RADIUS: 1.146

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. 0

TARGET NUMBER: 3

FILE DATE: 01/29/2003

FILE TIME: 15:08

X CENTROID: -0.190

Y CENTROID: 0.035

POA TO CENTROID: 0.193

HORZ SPREAD: 1.606

VERT SPREAD: 2.484

GROUP SPREAD: 2.782

MIN RADIUS: 0.338

MAX RADIUS: 1.548

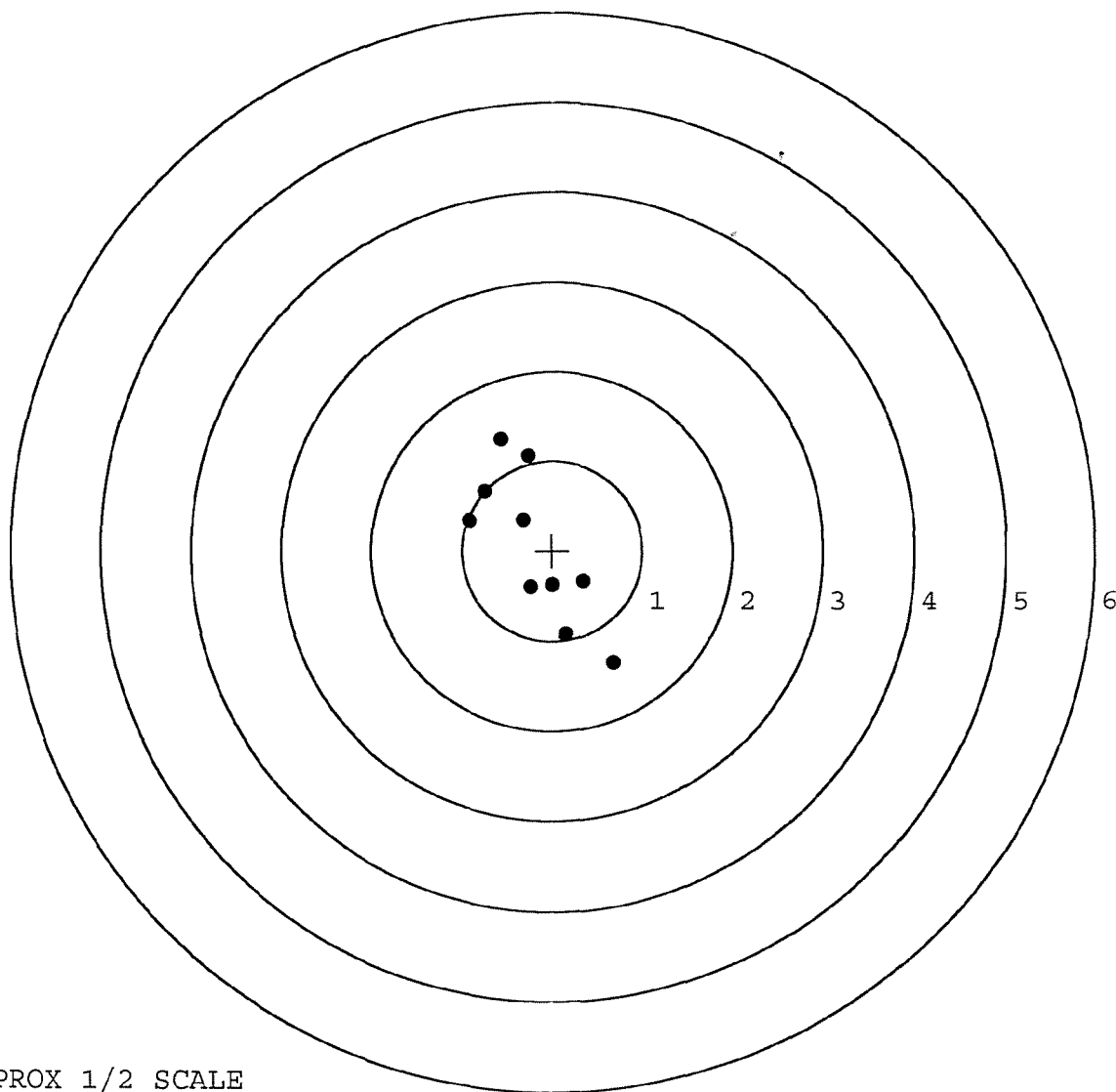
MEAN RADIUS: 0.838

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.685	-1.242
2:	0.152	-0.928
3:	0.343	-0.337
4:	-0.001	-0.383
5:	-0.244	-0.402
6:	-0.328	0.343
7:	-0.752	0.663
8:	-0.921	0.334
9:	-0.267	1.055
10:	-0.568	1.242

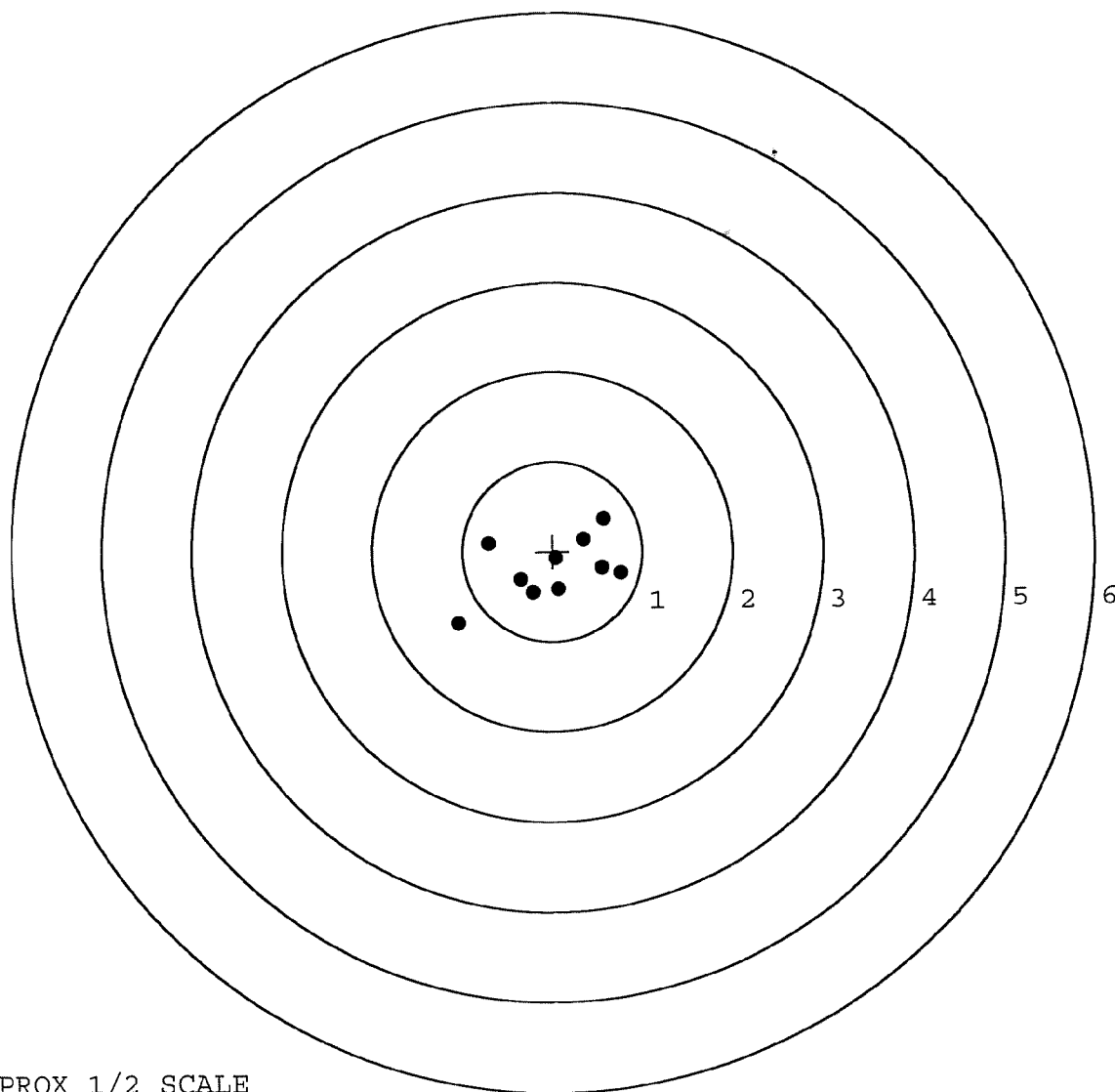


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0
 TARGET NUMBER: 4
 FILE DATE: 01/29/2003
 FILE TIME: 15:08

POINT#	X	Y
1:	0.755	-0.242
2:	0.548	-0.182
3:	0.570	0.365
4:	0.038	-0.078
5:	0.060	-0.425
6:	-0.222	-0.456
7:	-0.358	-0.311
8:	-0.708	0.098
9:	-1.047	-0.795
10:	0.341	0.137

X CENTROID: -0.002
 Y CENTROID: -0.189
 POA TO CENTROID: 0.189
 HORZ SPREAD: 1.802
 VERT SPREAD: 1.160
 GROUP SPREAD: 1.990
 MIN RADIUS: 0.118
 MAX RADIUS: 1.208
 MEAN RADIUS: 0.563
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6649214. __0

TARGET NUMBER: 5

FILE DATE: 01/29/2003

FILE TIME: 15:08

POINT#	X	Y
1:	0.443	-0.729
2:	0.734	-0.215
3:	0.479	0.063
4:	-0.006	-0.271
5:	-0.357	-0.626
6:	-0.145	0.230
7:	-0.322	0.321
8:	-0.224	0.566
9:	-0.621	0.023
10:	-0.925	-0.499

X CENTROID: -0.094

Y CENTROID: -0.114

POA TO CENTROID: 0.148

HORZ SPREAD: 1.659

VERT SPREAD: 1.295

GROUP SPREAD: 1.683

MIN RADIUS: 0.180

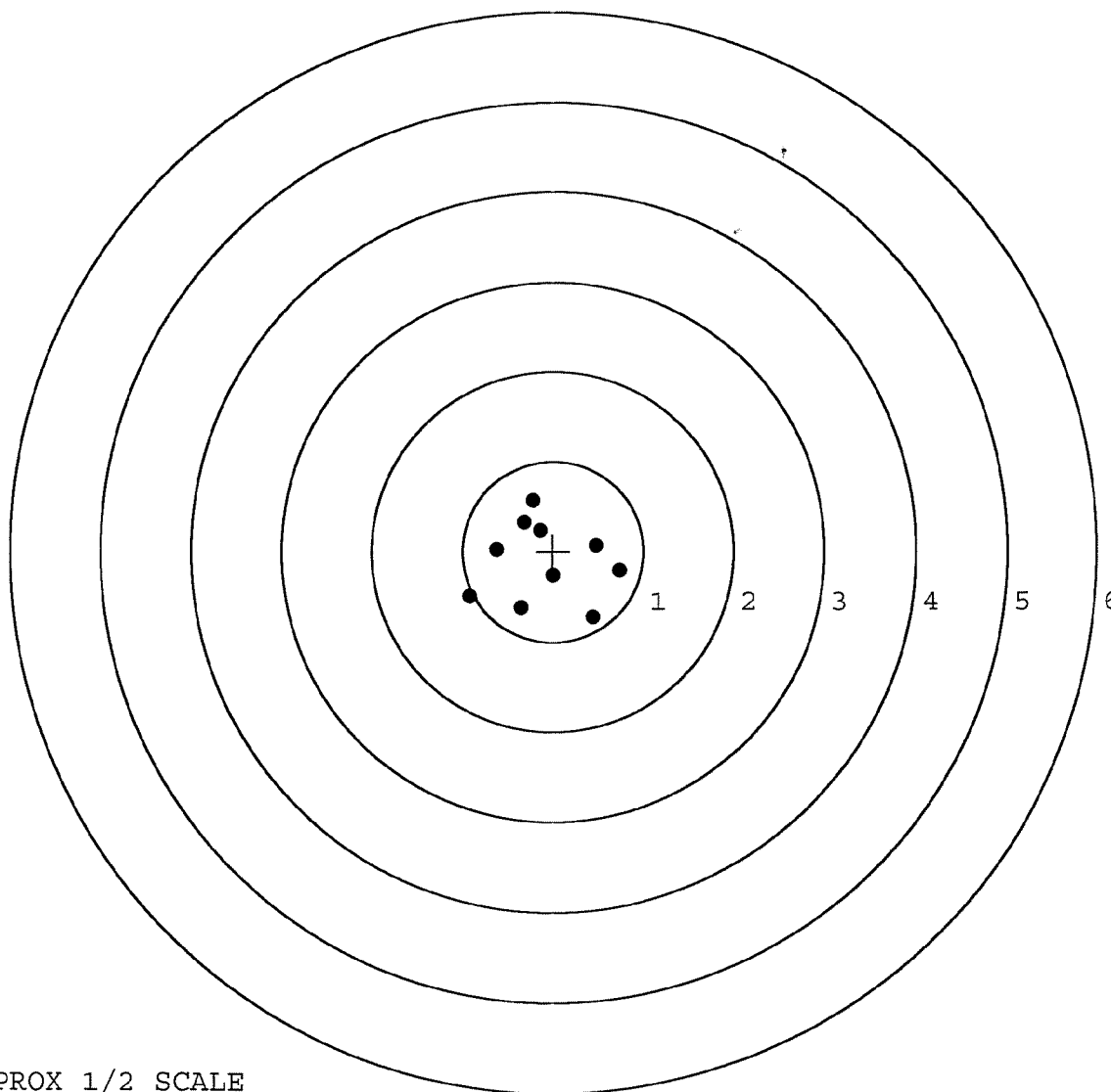
MAX RADIUS: 0.916

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	00059 328		
SERIAL NUMBER	C-6649214		
LOG-IN DATE	1-10-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-14-03	RW
560 A	RE-BARREL	1-14-03	RA
B	DRILL AND TAP	1-20-03	TRLW
575	ASSEMBLE	1-15-03	RL
600	PROOF	1-16-03	RW
605	CHECK HEADSPACE	1-16-03	RW
610	DIS-ASSEMBLE GUN	1-16-03	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1-21-03	J.M
620	APPLY COATINGS	1-22	IA
625 A	FINAL ASSEMBLY	1/23/03	RW
B	TRIGGER PULL TEST	1-29-03	RL
C	SAFETY "ON" FORCE	1-29-03	RL
D	SAFETY "OFF" FORCE	1-29-03	RL
E	FIRING PIN INDENT	1-29-03	RL
640	TARGET	1-28-03	TRLW
655	FINAL INSPECT	1-30-03	RTL
660	PACK	1-30-03	RA
		SHIP DATE	
	QAR INSPECTION DATE		

