

C6348786

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Pennington

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: **RE00100067** Serial: C6348786 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 8/24/2005 7:27:13 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: DOL DOL

Address 1: MS 181 MS 181

Address 2: BOX 339500 PO Box: BOX 339500 PO Box:

City: FORT LEWIS FORT LEWIS

State: WA Zip Code: 98433 Country: US State: WA Zip Code: 98433 Country: US

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

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: N/A

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

haglet 8/24/2005 7:51 AM CAPS NUM INS SCPL

start 3 2 Arms S. 2

Serial Number: **C6348786**

Model: **M24 SWS**



RE00100067

Repair Inquiry

Repair Number: **RE00100067**Serial: C6348786 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/24/2005 7:27:13 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **DOL****DOL**Address 1: **MS 181****MS 181**Address 2: **BOX 339500**

PO Box:

BOX 339500

PO Box:

City: **FORT LEWIS****FORT LEWIS**State: **WA**Zip Code: **98433**Country: **US**State: **WA**Zip Code: **98433**Country: **US**

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

FairCondition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

8/24/2005

7:51 AM

CAPS

NUM

INS

SCPL

start

3

2

2

Arms S...

2

2

2

2

Serial
Number:**C6348786**Model: **M24 SWS****RE00100067**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348786.__1
FILE DATE AND TIME: 09/22/2005 09:58

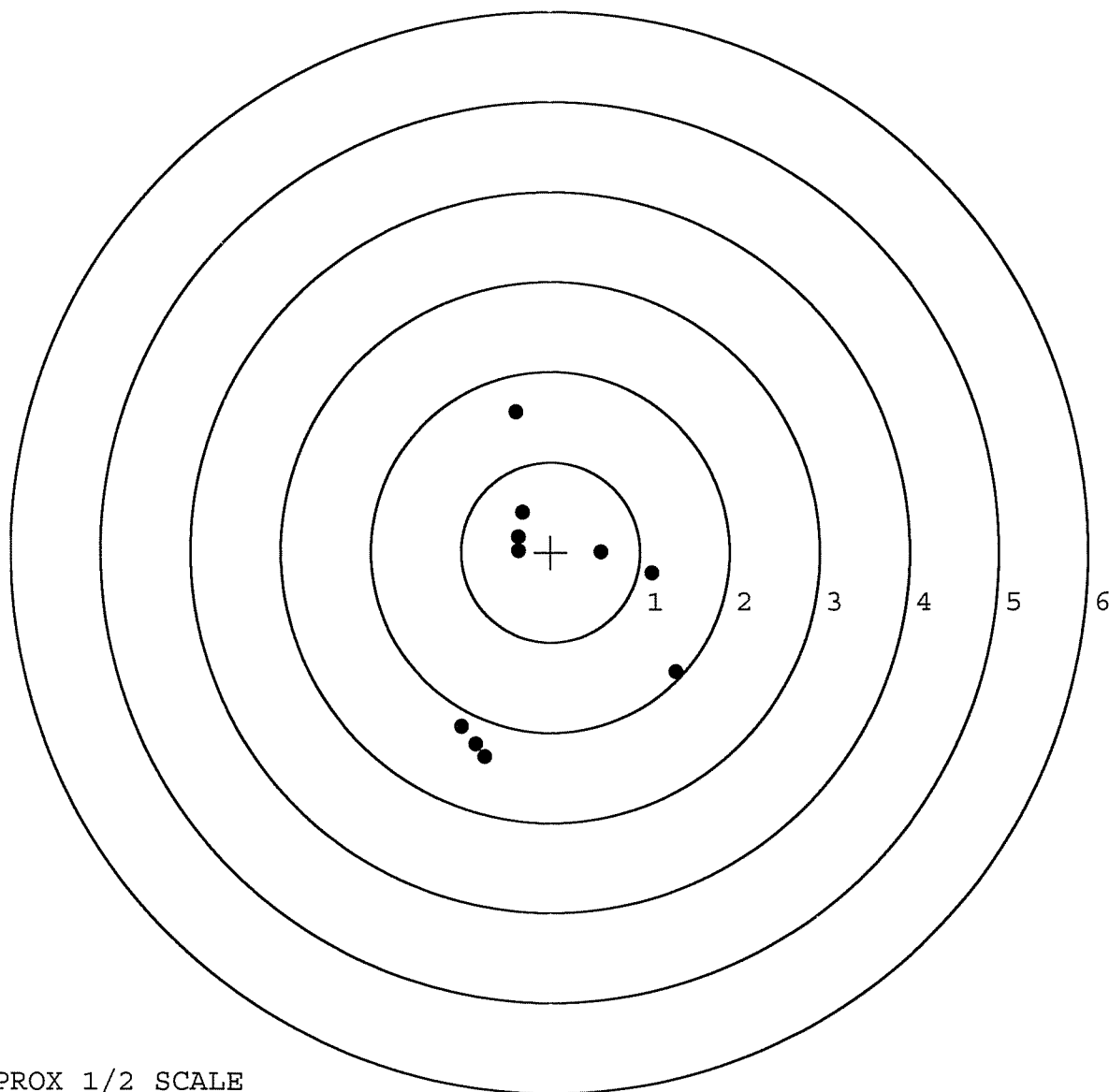
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.070
The Average Y Centroid of the Five Target Set:	-0.354
The Average Point of Impact of the Five Target Set:	0.361
The Average Mean Radius of the Five Target Set:	1.056
The Distance from POA to Centroid Target #1:	0.582
The Distance from Centroid Target #2 to Centroid Target #1:	0.629
The Distance from Centroid Target #3 to Centroid Target #1:	0.481
The Distance from Centroid Target #4 to Centroid Target #1:	0.568
The Distance from Centroid Target #5 to Centroid Target #1:	0.459

SERIAL NUMBER: C6348786. __1
 TARGET NUMBER: 1
 FILE DATE: 09/22/2005
 FILE TIME: 09:58

X CENTROID: -0.092
 Y CENTROID: -0.575
 POA TO CENTROID: 0.582
 HORZ SPREAD: 2.397
 VERT SPREAD: 3.828
 GROUP SPREAD: 3.844
 MIN RADIUS: 0.654
 MAX RADIUS: 2.145
 MEAN RADIUS: 1.363
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.399	-1.334
2:	1.128	-0.237
3:	0.560	-0.004
4:	-0.316	0.442
5:	-0.365	0.170
6:	-0.363	0.020
7:	-0.388	1.549
8:	-0.998	-1.941
9:	-0.837	-2.136
10:	-0.736	-2.279

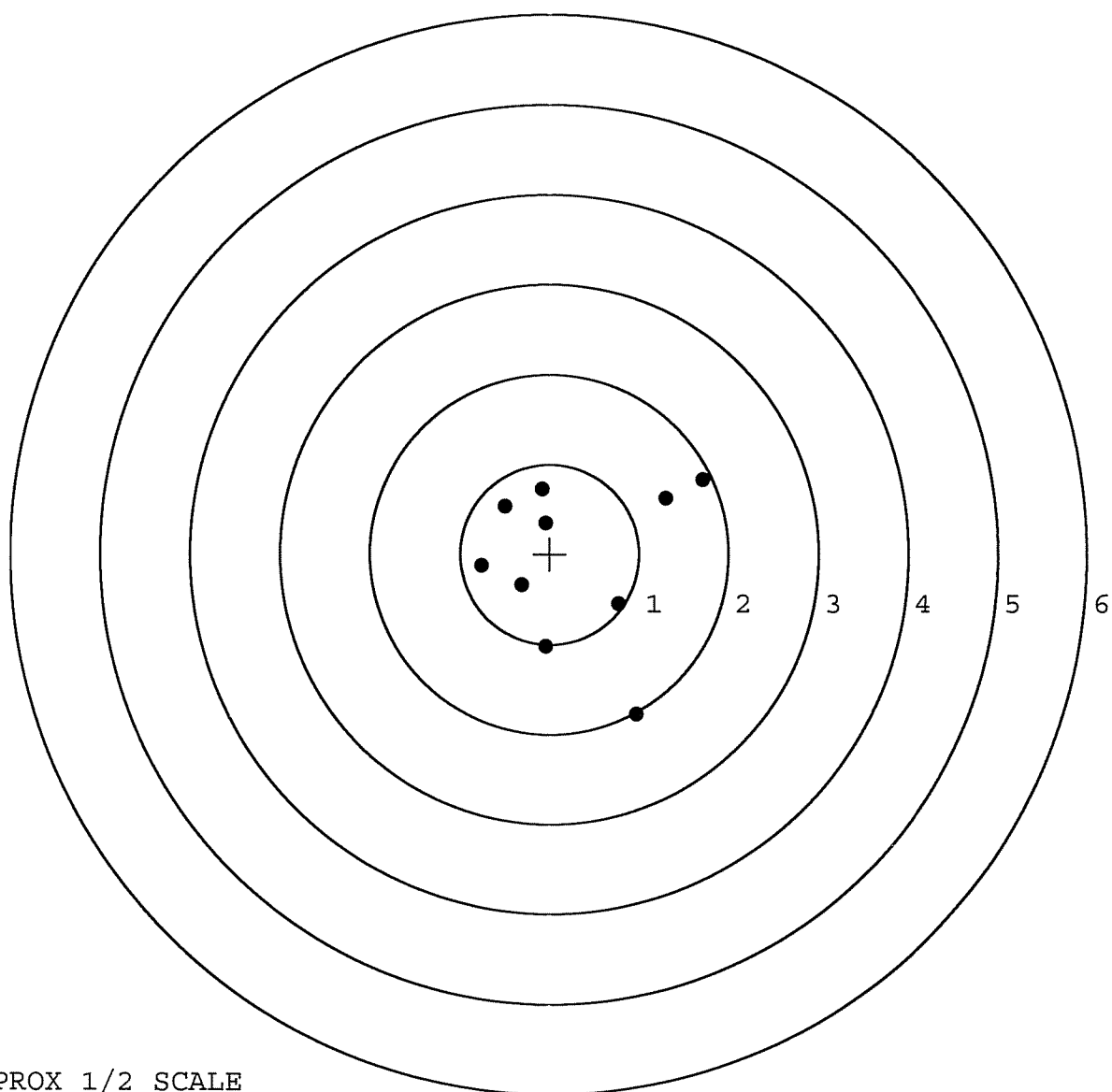


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. __1
 TARGET NUMBER: 2
 FILE DATE: 09/22/2005
 FILE TIME: 09:58

X CENTROID: 0.298
 Y CENTROID: -0.082
 POA TO CENTROID: 0.309
 HORZ SPREAD: 2.474
 VERT SPREAD: 2.609
 GROUP SPREAD: 2.741
 MIN RADIUS: 0.546
 MAX RADIUS: 1.828
 MEAN RADIUS: 1.059
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.712	0.828
2:	1.298	0.622
3:	0.972	-1.781
4:	0.771	-0.559
5:	-0.048	-1.028
6:	-0.317	-0.350
7:	-0.762	-0.138
8:	-0.048	0.341
9:	-0.505	0.528
10:	-0.088	0.721

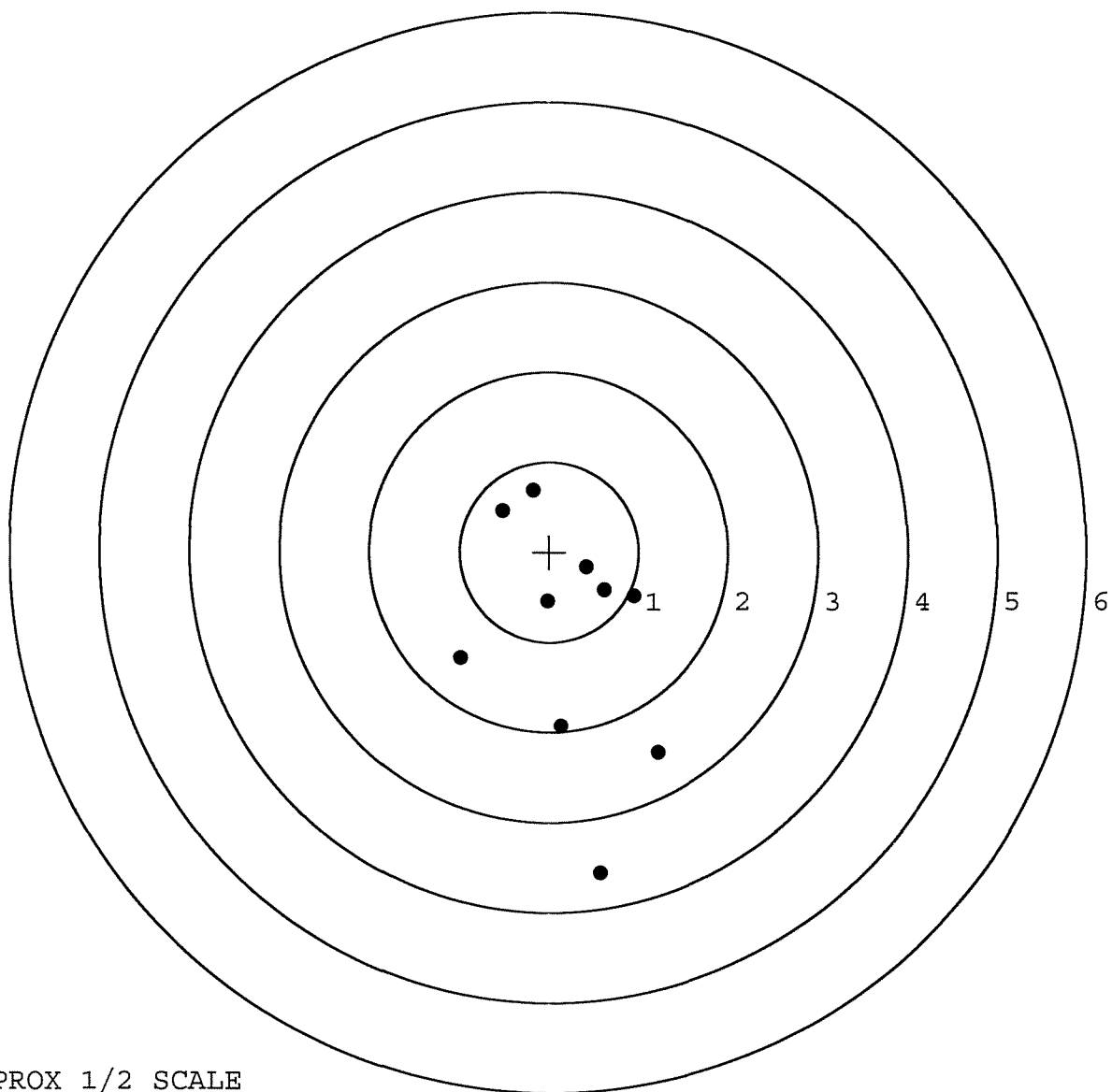


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. __1
 TARGET NUMBER: 3
 FILE DATE: 09/22/2005
 FILE TIME: 09:58

X CENTROID: 0.220
 Y CENTROID: -0.941
 POA TO CENTROID: 0.967
 HORZ SPREAD: 2.215
 VERT SPREAD: 4.247
 GROUP SPREAD: 4.313
 MIN RADIUS: 0.458
 MAX RADIUS: 2.645
 MEAN RADIUS: 1.254
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.947	-0.490
2:	0.617	-0.423
3:	0.415	-0.168
4:	-0.021	-0.552
5:	-0.519	0.456
6:	-0.176	0.685
7:	-0.992	-1.181
8:	0.136	-1.945
9:	1.223	-2.231
10:	0.574	-3.562

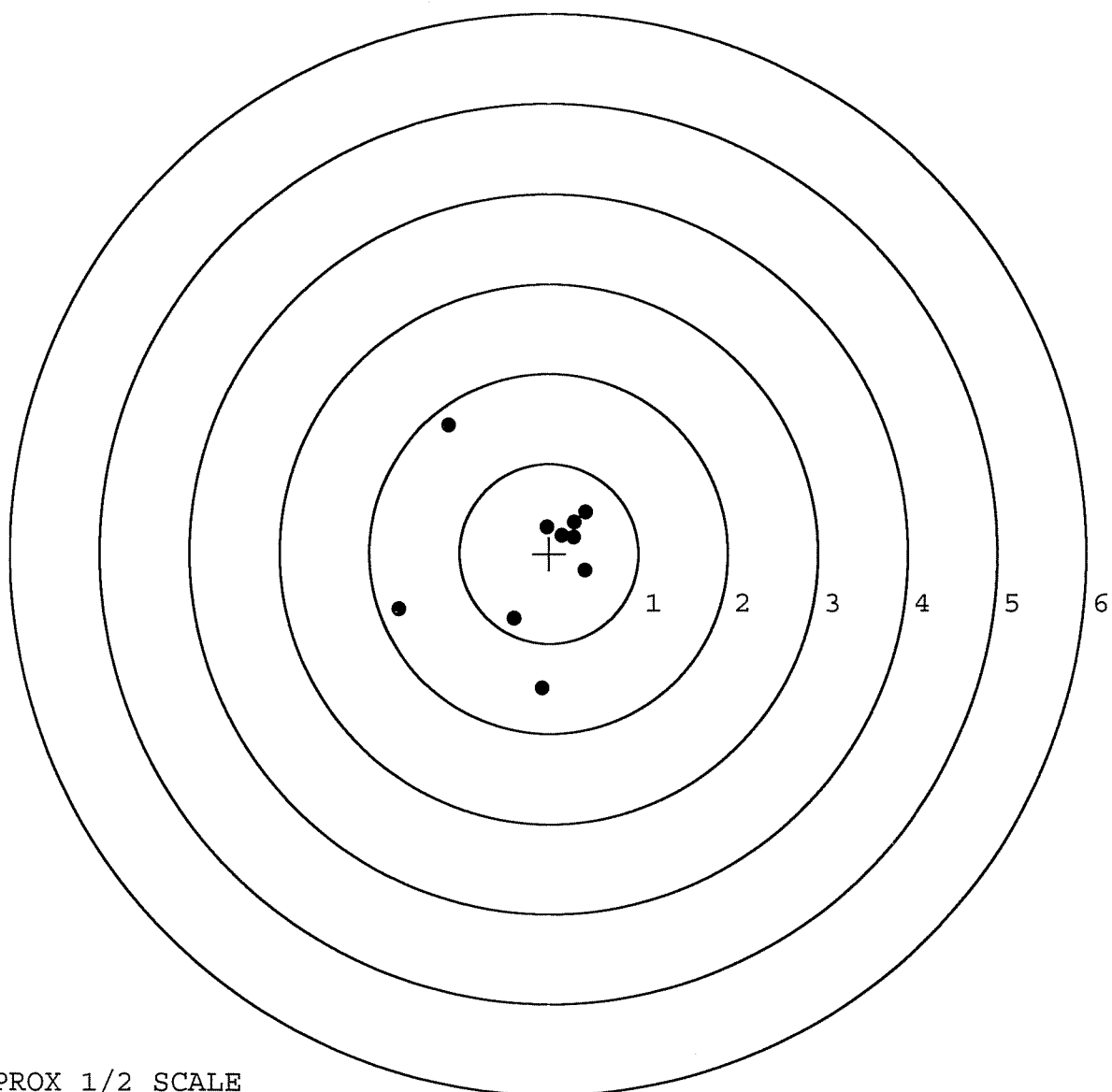


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. 1
 TARGET NUMBER: 4
 FILE DATE: 09/22/2005
 FILE TIME: 09:58

X CENTROID: -0.180
 Y CENTROID: -0.014
 POA TO CENTROID: 0.180
 HORZ SPREAD: 2.084
 VERT SPREAD: 2.916
 GROUP SPREAD: 3.095
 MIN RADIUS: 0.347
 MAX RADIUS: 1.712
 MEAN RADIUS: 0.876
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.085	-1.501
2:	-0.399	-0.732
3:	-1.676	-0.632
4:	-1.122	1.415
5:	-0.032	0.300
6:	0.408	0.462
7:	0.286	0.352
8:	0.143	0.202
9:	0.404	-0.189
10:	0.276	0.182

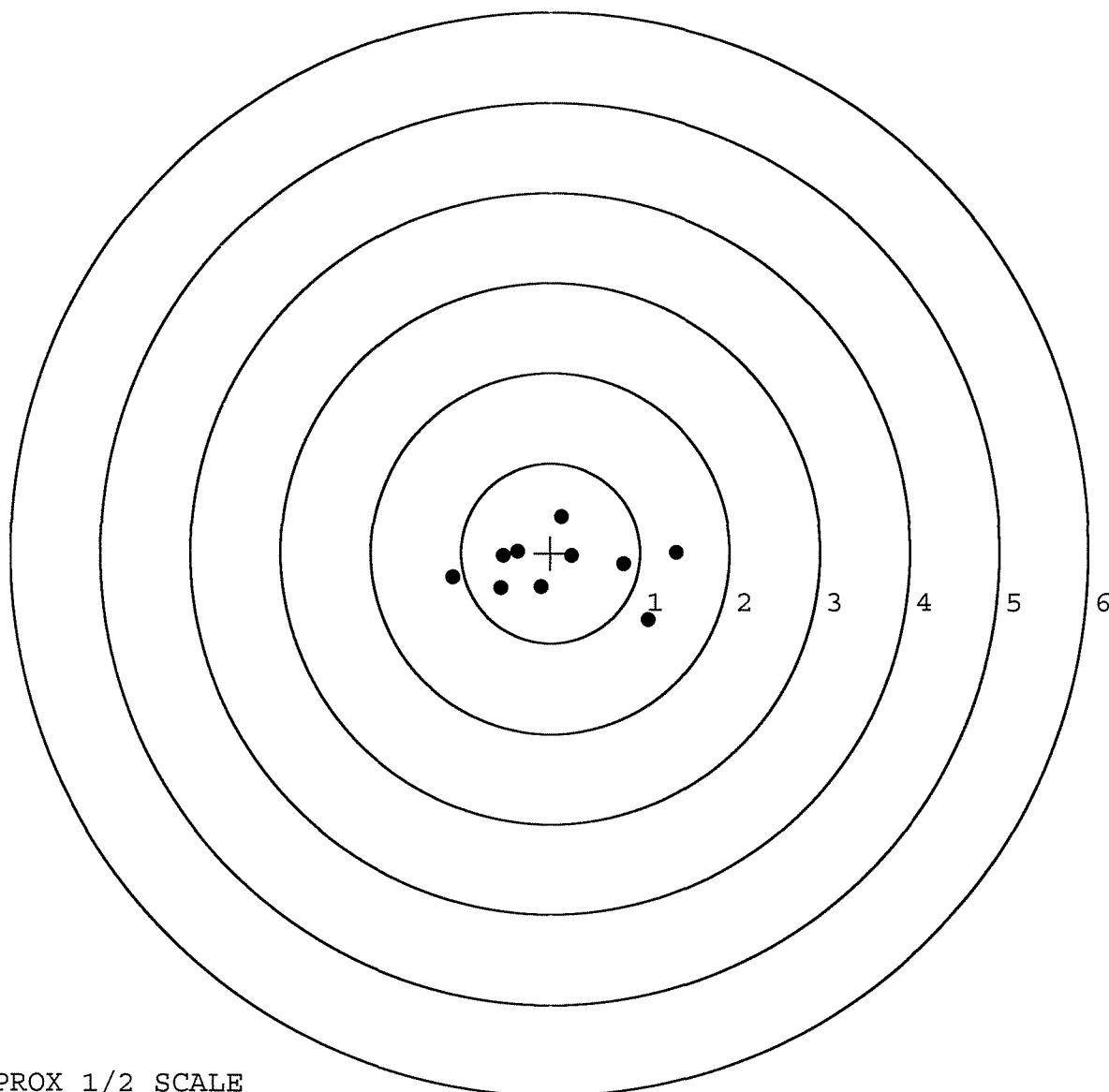


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. __1
 TARGET NUMBER: 5
 FILE DATE: 09/22/2005
 FILE TIME: 09:58

X CENTROID: 0.102
 Y CENTROID: -0.159
 POA TO CENTROID: 0.189
 HORZ SPREAD: 2.496
 VERT SPREAD: 1.150
 GROUP SPREAD: 2.512
 MIN RADIUS: 0.181
 MAX RADIUS: 1.314
 MEAN RADIUS: 0.727
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.093	-0.748
2:	1.406	0.000
3:	0.816	-0.128
4:	0.120	0.402
5:	0.237	-0.038
6:	-1.090	-0.279
7:	-0.367	0.015
8:	-0.533	-0.037
9:	-0.108	-0.382
10:	-0.554	-0.396



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	100067		
SERIAL NUMBER	C6348286		
LOG-IN DATE	8-29-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-25-05	RJZ
560 A	RE-BARREL	8-29-05	RJZ
B	DRILL AND TAP	8-30-05	TRW
575	ASSEMBLE	8-30-05	RJZ
600	PROOF	8-29-05	TRW
605	CHECK HEADSPACE	8-29-05	RJZ
610	DIS-ASSEMBLE GUN	8-30-05	RJZ
612	MAGNAFLUX	8-30-05	RJZ
615	ROLLMARK CALIBER	8-30-05	CW
618	ROTO-BLAST	8-30-05	LB
620	APPLY COATINGS	9-10-05	WJ
625 A	FINAL ASSEMBLY	9-14-05	RJZ
B	TRIGGER PULL TEST	9-26-05	AC
C	SAFETY "ON" FORCE	9-26-05	AC
D	SAFETY "OFF" FORCE	9-26-05	AC
E	FIRING PIN INDENT	9-22-05	TRW
640	TARGET	9-26-05	AC
655	FINAL INSPECT	9-27-05	RA
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

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: **RE00046950** Serial: **C6348786** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 5/21/02 10:18:56 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DOL** **DOL**

Address 1: **SHIPPING DEPT** **SHIPPING DEPT**

Address 2: **BLDG 9630 DR 40** PD Box: **BLDG 9630 DR 40** PD Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FPL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
X	SGT BASES	2

Repair Search Refresh Close

Start | Inbox... | Calen... | Chas... | Arm... | Micro... | Serial... | Part... | Serial... | 1:11 PM

Serial Number: **C6348786**

Model: **700**



RE00046950

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348786.___0
FILE DATE AND TIME: 06/14/2002 11:17

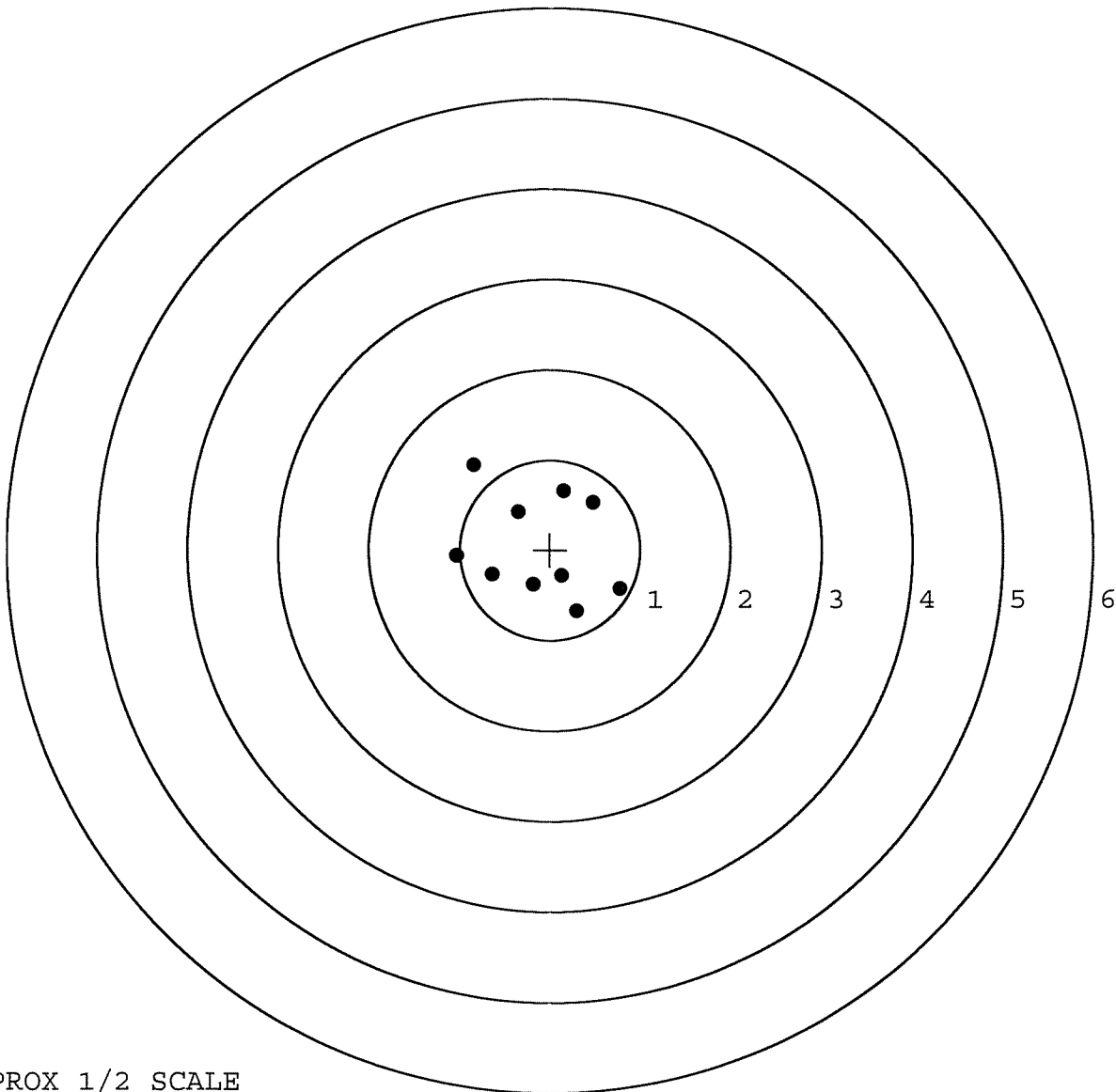
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.093
The Average Y Centroid of the Five Target Set:	-0.004
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.709
The Distance from POA to Centroid Target #1:	0.131
The Distance from Centroid Target #2 to Centroid Target #1:	0.139
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.142
The Distance from Centroid Target #5 to Centroid Target #1:	0.205

SERIAL NUMBER: C6348786. 0
 TARGET NUMBER: 1
 FILE DATE: 06/14/2002
 FILE TIME: 11:17

X CENTROID: -0.125
 Y CENTROID: 0.040
 POA TO CENTROID: 0.131
 HORZ SPREAD: 1.815
 VERT SPREAD: 1.626
 GROUP SPREAD: 2.131
 MIN RADIUS: 0.419
 MAX RADIUS: 1.154
 MEAN RADIUS: 0.729
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.778	-0.438
2:	0.295	-0.685
3:	-0.190	-0.391
4:	-1.037	-0.067
5:	-0.360	0.426
6:	0.149	0.655
7:	0.477	0.531
8:	-0.847	0.941
9:	0.130	-0.292
10:	-0.641	-0.275

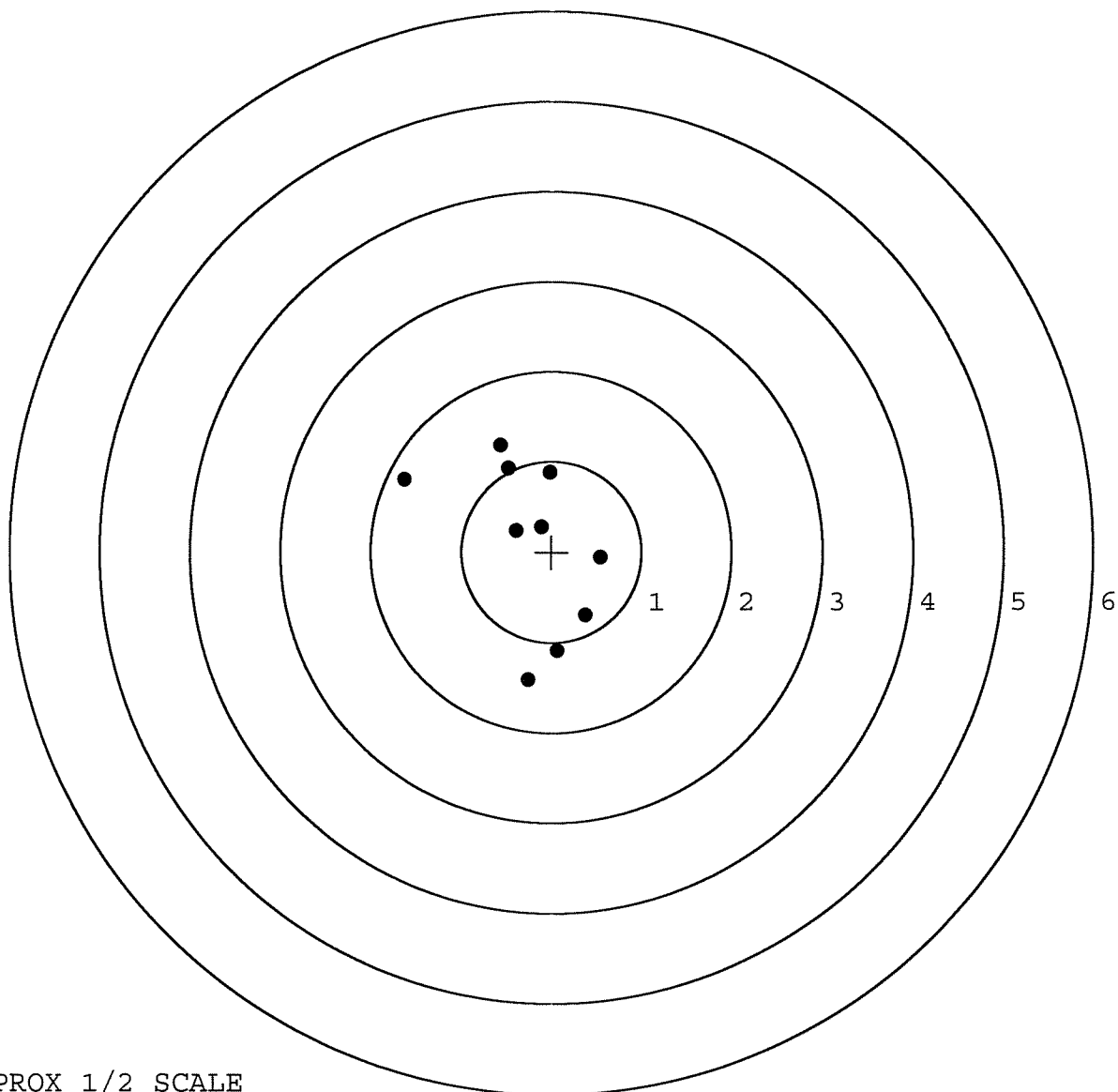


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. 0
 TARGET NUMBER: 2
 FILE DATE: 06/14/2002
 FILE TIME: 11:17

X CENTROID: -0.250
 Y CENTROID: 0.101
 POA TO CENTROID: 0.269
 HORZ SPREAD: 2.169
 VERT SPREAD: 2.592
 GROUP SPREAD: 2.602
 MIN RADIUS: 0.199
 MAX RADIUS: 1.545
 MEAN RADIUS: 0.933
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.541	-0.061
2:	0.376	-0.704
3:	0.063	-1.098
4:	-0.264	-1.417
5:	-0.115	0.279
6:	-0.397	0.234
7:	-0.022	0.878
8:	-0.480	0.922
9:	-0.569	1.175
10:	-1.628	0.799

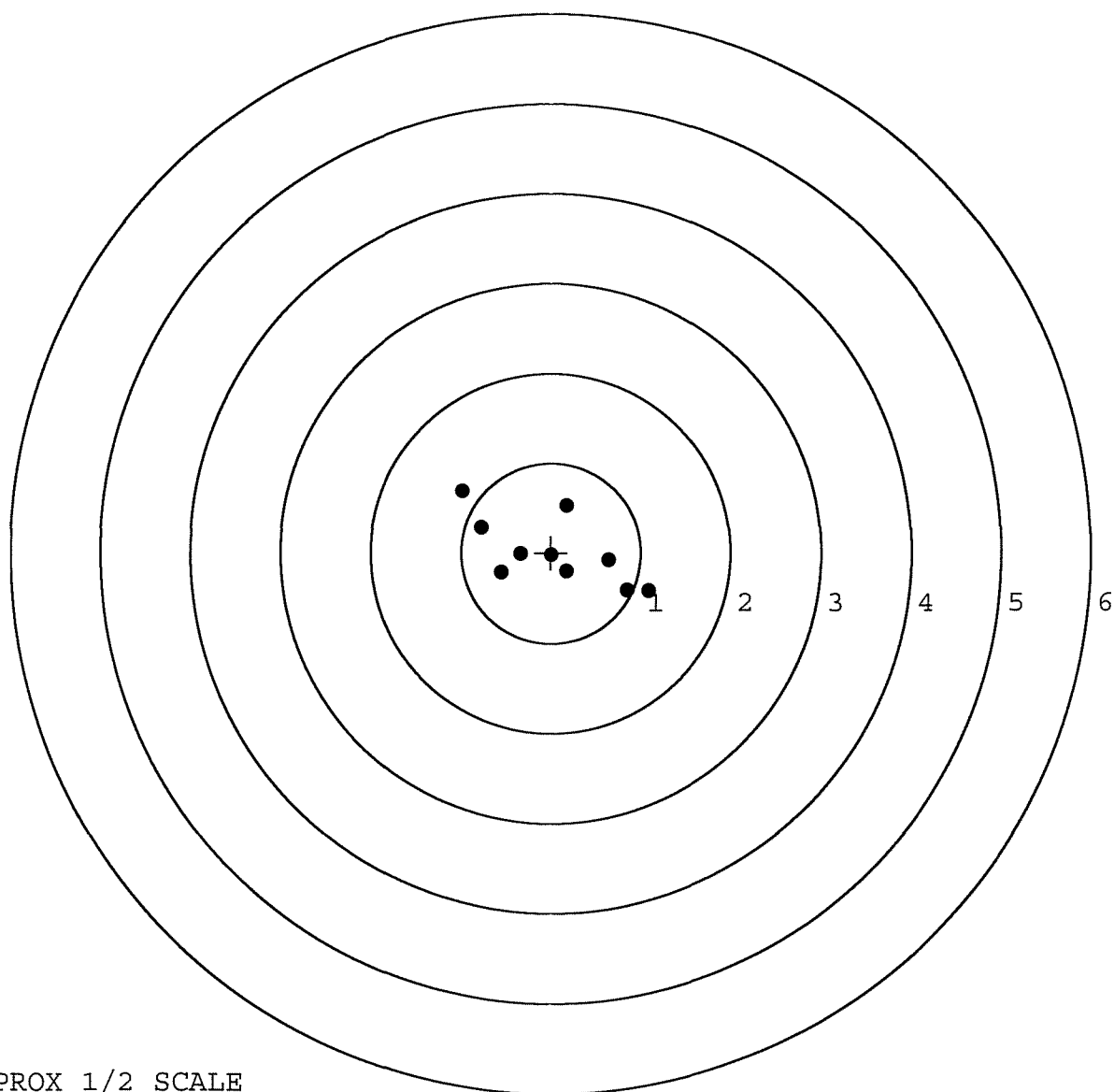


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. 0
 TARGET NUMBER: 3
 FILE DATE: 06/14/2002
 FILE TIME: 11:17

X CENTROID: 0.029
 Y CENTROID: 0.008
 POA TO CENTROID: 0.030
 HORZ SPREAD: 2.071
 VERT SPREAD: 1.107
 GROUP SPREAD: 2.348
 MIN RADIUS: 0.047
 MAX RADIUS: 1.218
 MEAN RADIUS: 0.660
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.088	-0.421
2:	0.851	-0.417
3:	0.646	-0.083
4:	0.175	-0.211
5:	0.180	0.521
6:	-0.768	0.275
7:	-0.983	0.686
8:	-0.346	-0.018
9:	-0.554	-0.224
10:	-0.002	-0.028

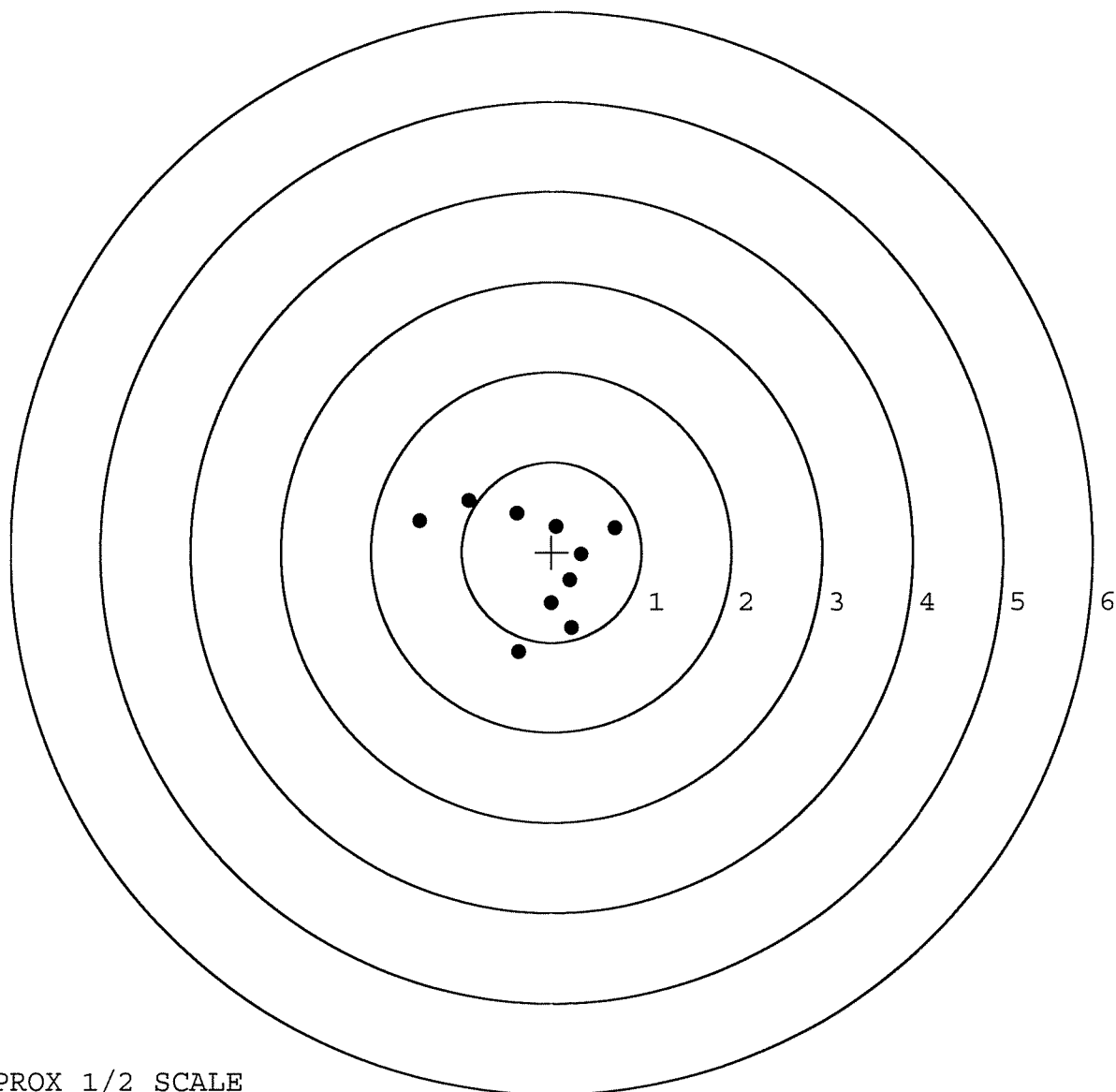


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786. 0
 TARGET NUMBER: 4
 FILE DATE: 06/14/2002
 FILE TIME: 11:17

X CENTROID: -0.164
 Y CENTROID: -0.096
 POA TO CENTROID: 0.190
 HORZ SPREAD: 2.166
 VERT SPREAD: 1.682
 GROUP SPREAD: 2.167
 MIN RADIUS: 0.428
 MAX RADIUS: 1.370
 MEAN RADIUS: 0.763
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.223	-0.840
2:	-0.369	-1.109
3:	-0.012	-0.570
4:	0.202	-0.317
5:	0.329	-0.028
6:	0.705	0.268
7:	0.050	0.285
8:	-0.389	0.433
9:	-0.922	0.573
10:	-1.461	0.345

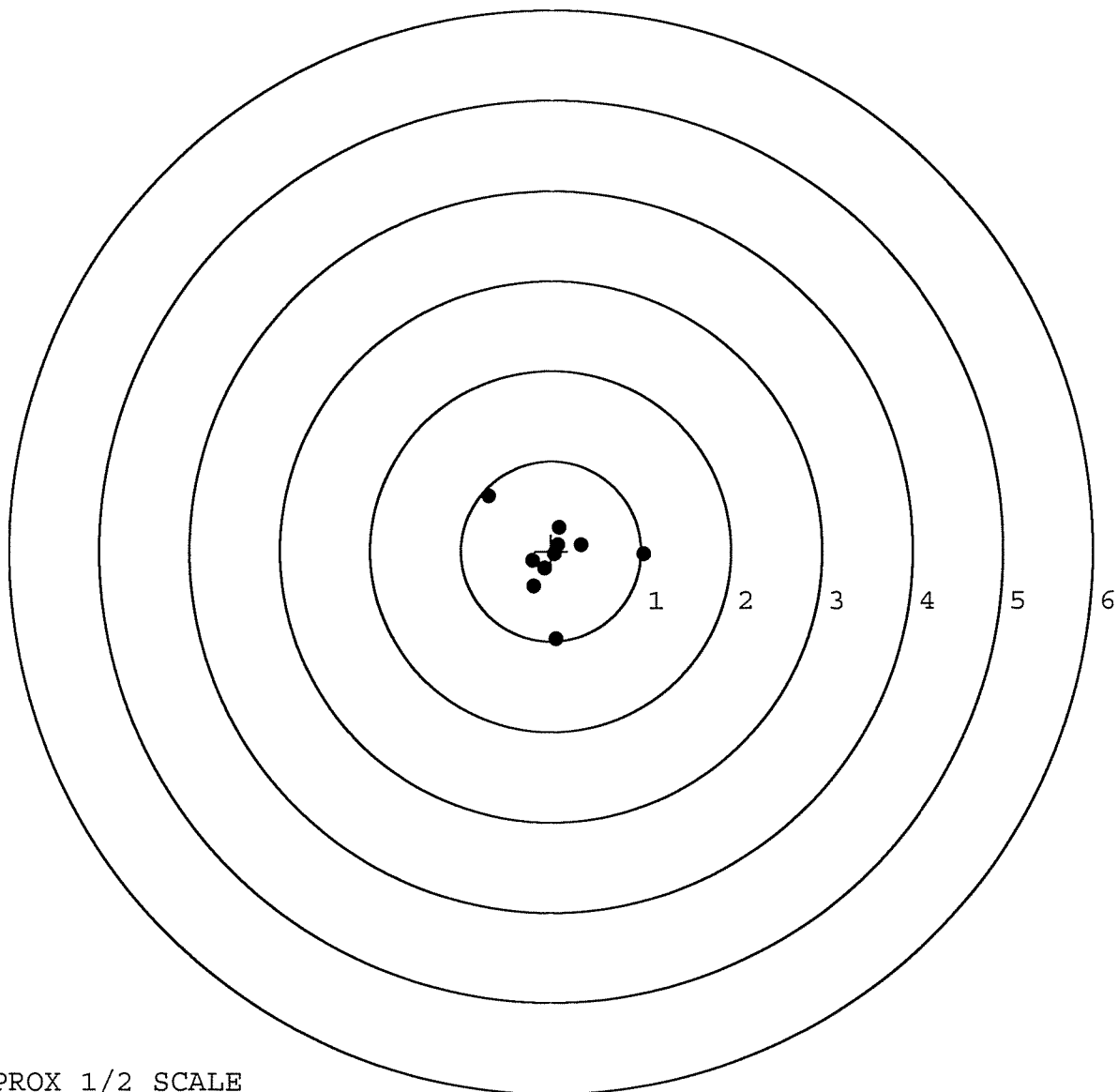


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348786.____0
 TARGET NUMBER: 5
 FILE DATE: 06/14/2002
 FILE TIME: 11:17

X CENTROID: 0.045
 Y CENTROID: -0.074
 POA TO CENTROID: 0.087
 HORZ SPREAD: 1.729
 VERT SPREAD: 1.595
 GROUP SPREAD: 1.847
 MIN RADIUS: 0.037
 MAX RADIUS: 1.012
 MEAN RADIUS: 0.460
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.031	-0.038
2:	0.056	-0.982
3:	-0.698	0.613
4:	0.338	0.071
5:	0.090	0.264
6:	0.078	0.072
7:	-0.209	-0.109
8:	-0.079	-0.198
9:	-0.194	-0.398
10:	0.035	-0.039



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 46958

SERIAL NUMBER C634 8786

LOG-IN DATE 5/21/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/22/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/22/02	BSW
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE	5/22/02	RW
600	PROOF MAGNA-FLUX INSPECTED	5/22/02	RW
605	CHECK HEADSPACE	5/22/02	RW
610	DIS-ASSEMBLE GUN MAY 30 2002	5/22/02	RW
612	MAGNAFLUX OPERATOR JRS		
615	ROLLMARK CALIBER	5/22/02	RW
618	ROTO-BLAST	5/31/02	KO
620	APPLY COATINGS	6-3	TA
625 A	FINAL ASSEMBLY	6/12/02	RW
B	TRIGGER PULL TEST	6/13/02	TRW
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-17-02	TRW
655	FINAL INSPECT	6/18/02	RL
660	PACK	6/19/02	DT
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0063979								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	10/23/89	gll		
	G) Safety Off Force	3	3	3	10/23/89	gll		
	H) Trigger Pull Test & Retainability				20 Oct 89	gll		
	I) Firing Pin Indent	1022	.622	.022	10/23/89	gll		
	J) Assemble Stock				10/24/89	RW		
	K) Assemble Swivel Studs				27 Oct 89	gll		
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW		
	M) Iron Sight Alignment				12/11/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW		
	O) Attach Scope to Rifle				10/24/89	gll		
	P) Detach & Attach Scope 20 Times				10/24/89	gll		
640	Gallery Target & Test				10-25-89	AC		
	A) Time				10-25-89	AC		
	B) Malfunctions				10-25-89	AC		
	C) Pierced Primers				10-25-89	AC		
	D) Optical Clarity of Scope				10-25-89	AC		
645	Inspect for Live Ammo				10-25-89	AC		
655	Final Inspection							
	A) Headspace				27 Oct 89	gll		
	B) Trigger Pull	268	267	278	263	278	27 Oct 89	gll
	C) Function						27 Oct 89	gll
660	Pack						15 Dec 89	gll

GUN SERIAL # *CL348786**10/22/89 0137*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	<i>RW</i>
600	Proof	9 26	89	<i>RW</i>
607	Check Headspace	9 26	89	<i>RW</i>
610	Dis-assemble Gun	9 26	89	<i>RW</i>
612	Magnaflux Barrel Action	9/29/89		<i>KCR</i>
	Magnaflux Bolt	9/29/89		<i>KCR</i>
615	Rollmark Caliber	9/29/89		<i>J.S.</i>
7	Drill and Tap Sight Holes	9 29	89	<i>LB</i>
618	Polish Barrel <i>RB</i>	9 29	89	<i>BT</i>
620	Apply Coatings (Barrel Action)		<i>10-11-89</i>	<i>TJA</i>
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		<i>10/12/89</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>10/12/89</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>10/12/89</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>10/12/89</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>20 Oct 89</i>	<i>JS</i>

BARBER - M24 0063981						
op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	10/23/89	JS
	G) Safety Off Force	3	3	3	10/23/89	JS
	H) Trigger Pull Test & Retainability				20 Oct 89	JS
	I) Firing Pin Indent	1022	.622	.022	10/23/89	JS
	J) Assemble Stock				10/24/89	RW
	K) Assemble Swivel Studs				27 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW
	M) Iron Sight Alignment				12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW
	O) Attach Scope to Rifle				10/24/89	JS
	P) Detach & Attach Scope 20 Times				10/24/89	JS
640	Gallery Target & Test				10-25-89	AC
	A) Time				10-25-89	AC
	B) Malfunctions				10-25-89	AC
	C) Pierced Primers				10-25-89	AC
	D) Optical Clarity of Scope				10-25-89	AC
645	Inspect for Live Ammo				10-25-89	AC
655	Final Inspection					
	A) Headspace				27 Oct 89	JS
	B) Trigger Pull	268	267	278	263	27 Oct 89
	C) Function				27 Oct 89	JS
660	Pack				15 Dec 89	JS

Remington

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

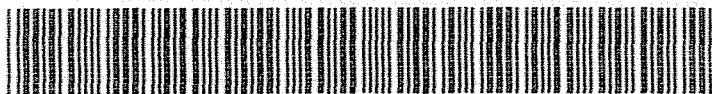
MODEL 700TM H24**SERIAL NO.**

C6348786

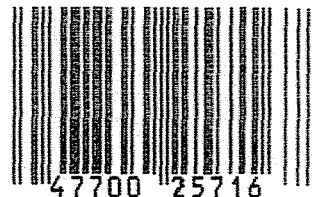
ORDER NO.**5716**

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

Ø1



5716 C6348786

UPC

0 47700 25716 7

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C634 8286DATE 13 MAR 90TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	247	260		262	MIN. SETTING, NO. AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	235	259		251	
PULL #3	251	252		249	
PULL #4	243	256		248	
PULL #5	251	256		255	
TOTAL	1247	1278			
AVG.	2494	2556			

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	357	359			
PULL #2	368	359			
PULL #3	359	358			
PULL #4	360	356			
PULL #5	363	356			
TOTAL	1807	1788			
AVG.	3614	3576			

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	410	410		
PULL #2	411	408		
PULL #3	410	406		
PULL #4	410	408		
PULL #5	404	390		
TOTAL	2045	2022		
AVG.	409	4044		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348786
25 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.308449
1 TO	2	.772739
1 TO	3	.258521
1 TO	4	.411539
1 TO	5	.608067

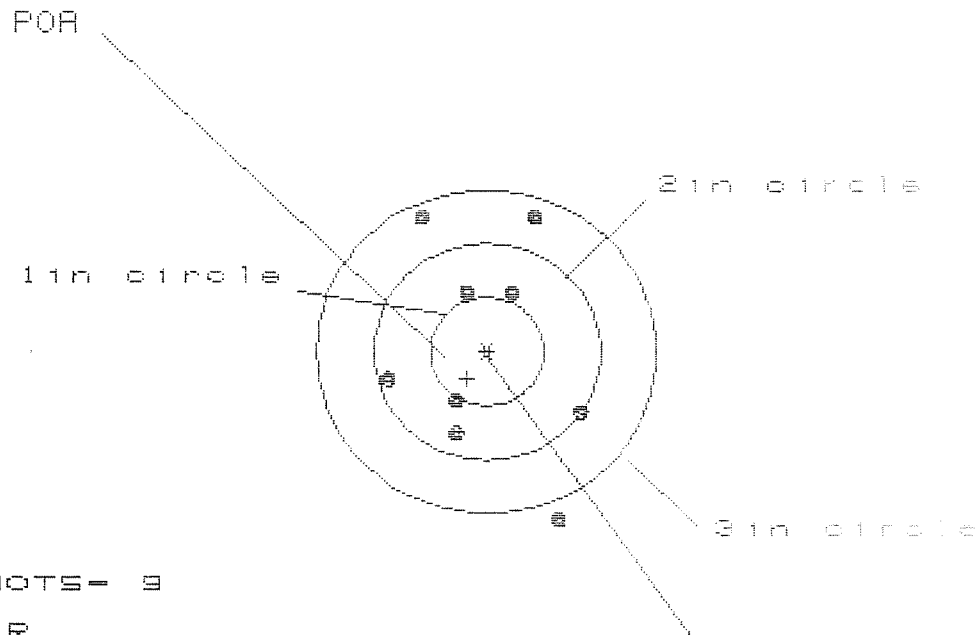
$\begin{matrix} 1 \\ + \\ 2 \\ 5 \end{matrix}$.1344 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1344
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0924
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .163098
THE AMR FOR THIS RIFLE IS: 1.027

25 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS34B7B6

CENTERFIRE PATTERNS # 1



OF SHOTS- 9

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 1.654

VS= 2.736

GS= 2.983

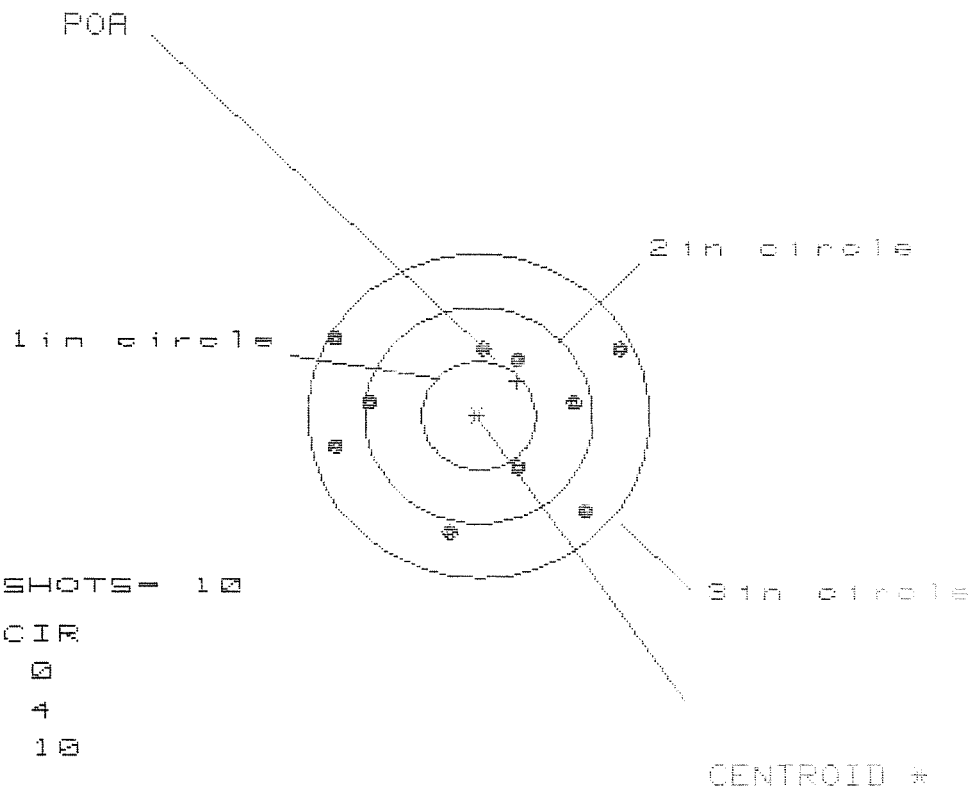
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	9	8	7
MAXIMUM X	.789	.872	.805
MINIMUM X	-.865	-.782	-.849
MAXIMUM Y	1.214	1.024	1.168
MINIMUM Y	-1.522	-.982	-.838
CENTROID X	.175	.092	.159
CENTROID Y	.254	.444	.300
POA TO CENTROID in.	.308	.453	.339
MIN RADIUS	.474	.390	.508
MEAN RADIUS	.958	.846	.804
MAX RADIUS	1.662	1.161	1.263
HORIZONTAL SPREAD	1.654	1.654	1.654
VERTICAL SPREAD	2.736	2.006	2.006
EXTREME SPREAD	2.983	2.212	2.130
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

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FILE:/PATTERNING/CENTERFIRE_PATT/06348786

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.485

VS= 1.769

GS= 2.658

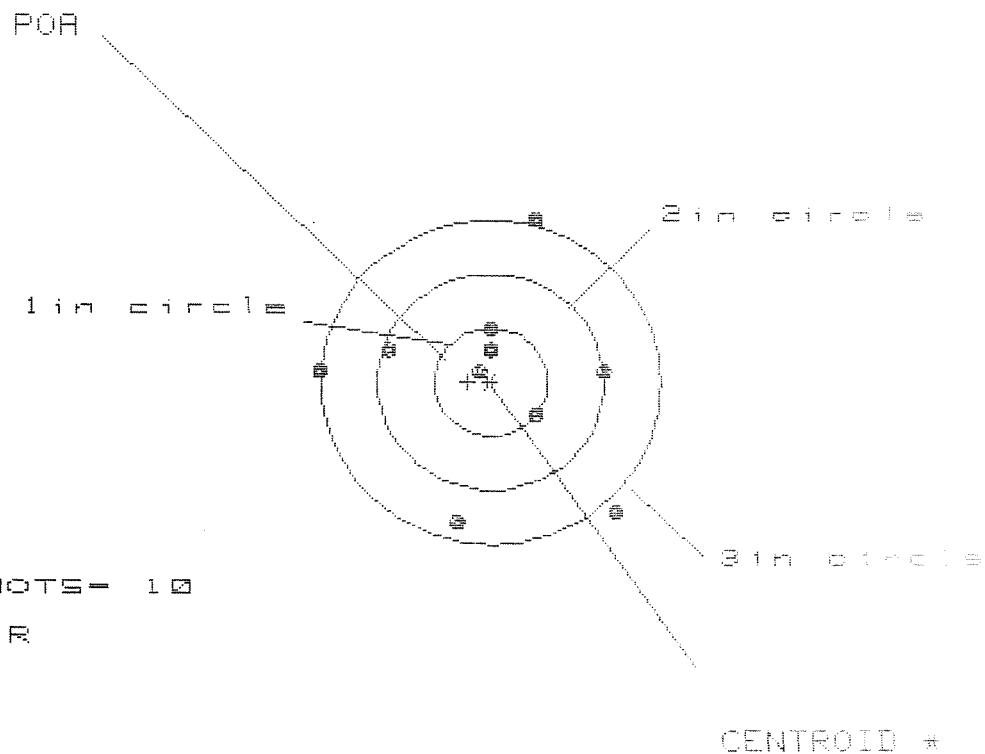
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.238	1.103	.987
MINIMUM X	:	-1.247	-1.382	-1.244
MAXIMUM Y	:	.717	.711	.780
MINIMUM Y	:	-1.052	-.973	-.884
CENTROID X	:	-.339	-.204	-.342
CENTROID Y	:	-.323	-.402	-.491
POA TO CENTROID in.	:	.468	.451	.598
MIN RADIUS	:	.598	.457	.476
MEAN RADIUS	:	1.016	.954	.915
MAX RADIUS	:	1.414	1.401	1.252
HORIZONTAL SPREAD	:	2.485	2.485	2.151
VERTICAL SPREAD	:	1.769	1.684	1.664
EXTREME SPREAD	:	2.658	2.658	2.223
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C6348786

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.629

VS= 2.855

GS= 2.931

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	1.095	1.157
MINIMUM X	:	-1.520	-1.397	-1.335
MAXIMUM Y	:	1.529	1.399	.559
MINIMUM Y	:	-1.326	-1.456	-1.282
CENTROID X	:	.203	.080	.018
CENTROID Y	:	-.003	.127	-.047
POA TO CENTROID in.	:	.203	.150	.051
MIN RADIUS	:	.119	.062	.178
MEAN RADIUS	:	.942	.846	.797
MAX RADIUS	:	1.617	1.484	1.339
HORIZONTAL SPREAD	:	2.629	2.492	2.492
VERTICAL SPREAD	:	2.855	2.855	1.841
EXTREME SPREAD	:	2.931	2.931	2.492
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

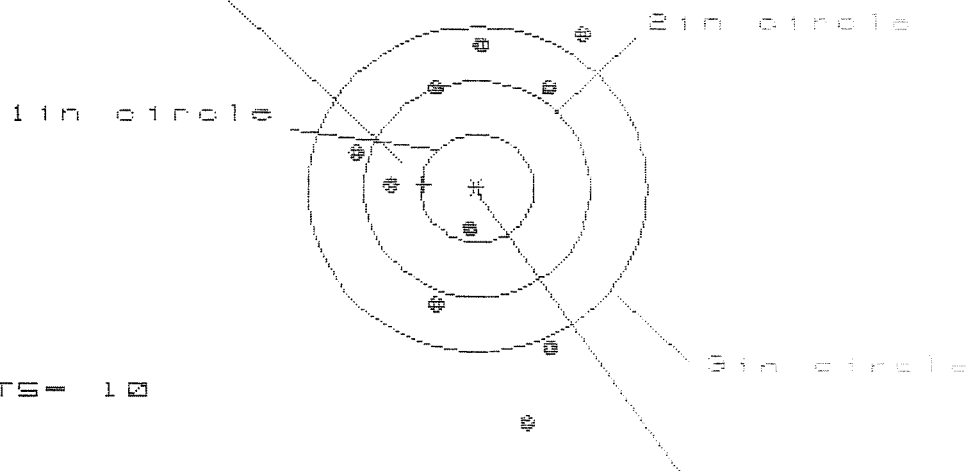
25 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C63487B6

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 1.972

VS= 3.585

GS= 3.620

CENTROID #

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.904

.949

.788

MINIMUM X

:

-1.068

-1.023

-.905

MAXIMUM Y

:

1.451

1.214

1.274

MINIMUM Y

:

-2.134

-1.659

-1.507

CENTROID X

:

.467

.422

.304

CENTROID Y

:

-.036

.201

.049

POA TO CENTROID in.:

.468

.468

.308

MIN RADIUS

:

.406

.641

.506

MEAN RADIUS

:

1.235

1.106

1.030

MAX RADIUS

:

2.172

1.787

1.698

HORIZONTAL SPREAD

:

1.972

1.972

1.693

VERTICAL SPREAD

:

3.585

2.873

2.781

EXTREME SPREAD

:

3.620

2.887

2.837

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

3

NUMBER IN THREE INCH CIRCLE =

7

25 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B7B6

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.605

VS= 2.117

GS= 2.736

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.107	.940	1.004
MINIMUM X	:	-1.498	-1.219	-1.155
MAXIMUM Y	:	1.326	1.301	.997
MINIMUM Y	:	-.791	-.816	-.653
CENTROID X	:	.166	.332	.268
CENTROID Y	:	-.354	-.329	-.492
POA TO CENTROID in.	:	.391	.468	.560
MIN RADIUS	:	.339	.277	.369
MEAN RADIUS	:	.984	.911	.837
MAX RADIUS	:	1.514	1.467	1.327
HORIZONTAL SPREAD	:	2.605	2.159	2.159
VERTICAL SPREAD	:	2.117	2.117	1.650
EXTREME SPREAD	:	2.736	2.736	2.300
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	