

C6348917

MODEL 780TM N24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Sweet[®]

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: **RE00169254** Serial: **C6348917** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair _____ Caliber: **7.62 NATO** Status: **New 6/3/2009 11:15:17 AM**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **B CO 2/7** _____
 Address 1: **SFG (A)** _____ Address 2: **SFG (A)** _____
 City: **FORT BRAGG** PO Box: _____
 State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**
 FFL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information **Received Condition** **Accessories Received**

Phone: **NN** Condition: **Fair**

Fax: _____ Condition Notes: _____

Email: _____ CSR Notes: _____

Comments: _____

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search **Refresh** **Close**

neglej 6/8/2009 12:04 PM C&PS NUM TNS TSCFL

start 4 Microsoft ... 3 Microsoft ... Excite Mail ... Arms Services ... SAP Logon ... Part Search b...

Serial Number: **C6348917**

Model: **M24 SWS**



RE00169254

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

R & E NUMBER <u>169254</u>				
SERIAL NUMBER <u>C6348917</u>				
LOG-IN DATE <u>6-8-09</u>				
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-8-09	RTZ
505	RE-BARREL		6-11-09	RTZ
420	ASSEMBLE		6-11-09	RTZ
440	PROOF		6-11-09	RTZ
460	CHECK HEADSPACE		6-11-09	RTZ
470	DIS-ASSEMBLE GUN		6-11-09	RTZ
480	MAGNAFLUX		6-13-09	RTZ
510	DRILL AND TAP		6-12-09	SP
500	ROLLMARK CALIBER		6-16-09	RTZ
520	GOFF BLAST BBL / REC		6-16	RTZ
530 & 540	APPLY COATINGS		6-17	RTZ
560	FINAL ASSEMBLY		6-18-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-22-09	RB
650	TARGET	PASS FAIL	6-22-09	RB
	MALFUNCTION	CORRECTION	6-22-09	TCR
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	6-22-09	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	268 260 258 255 258 6-22-09	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 5.2 6-22-09	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	6.0 6.0 6.0 6-22-09	RTZ
	I) FIRING PIN INDENT	.020	.021 .021 .021 6-22-09	RTZ
690	PACK		6-23-09	Fry

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348917.___0

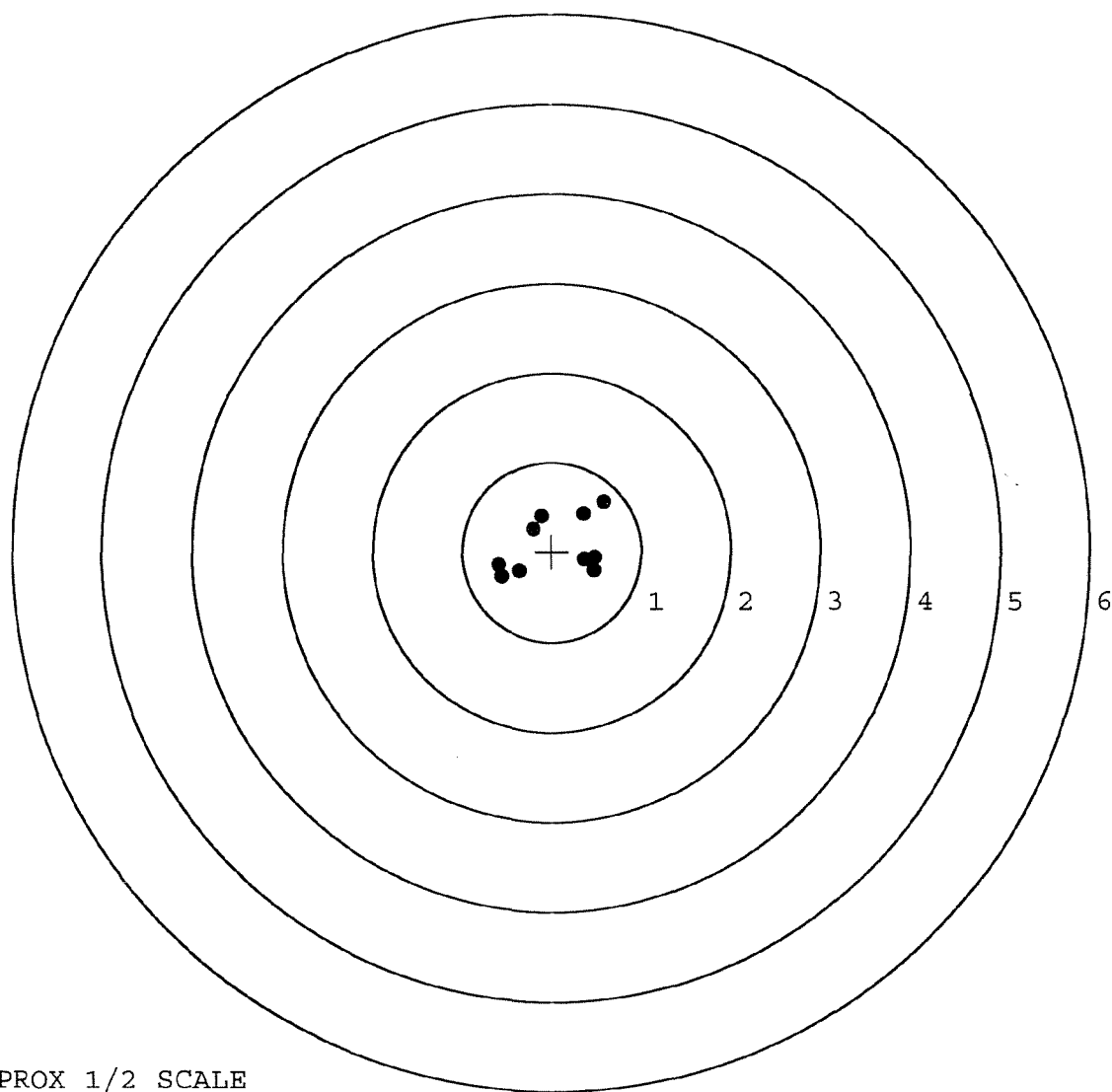
FILE DATE AND TIME: 06/22/2009 14:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	0.084
The Average Point of Impact of the Five Target Set:	0.133
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.074
The Distance from Centroid Target #2 to Centroid Target #1:	0.065
The Distance from Centroid Target #3 to Centroid Target #1:	0.339
The Distance from Centroid Target #4 to Centroid Target #1:	0.342
The Distance from Centroid Target #5 to Centroid Target #1:	0.202

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 1
FILE DATE: 06/22/2009
FILE TIME: 14:55

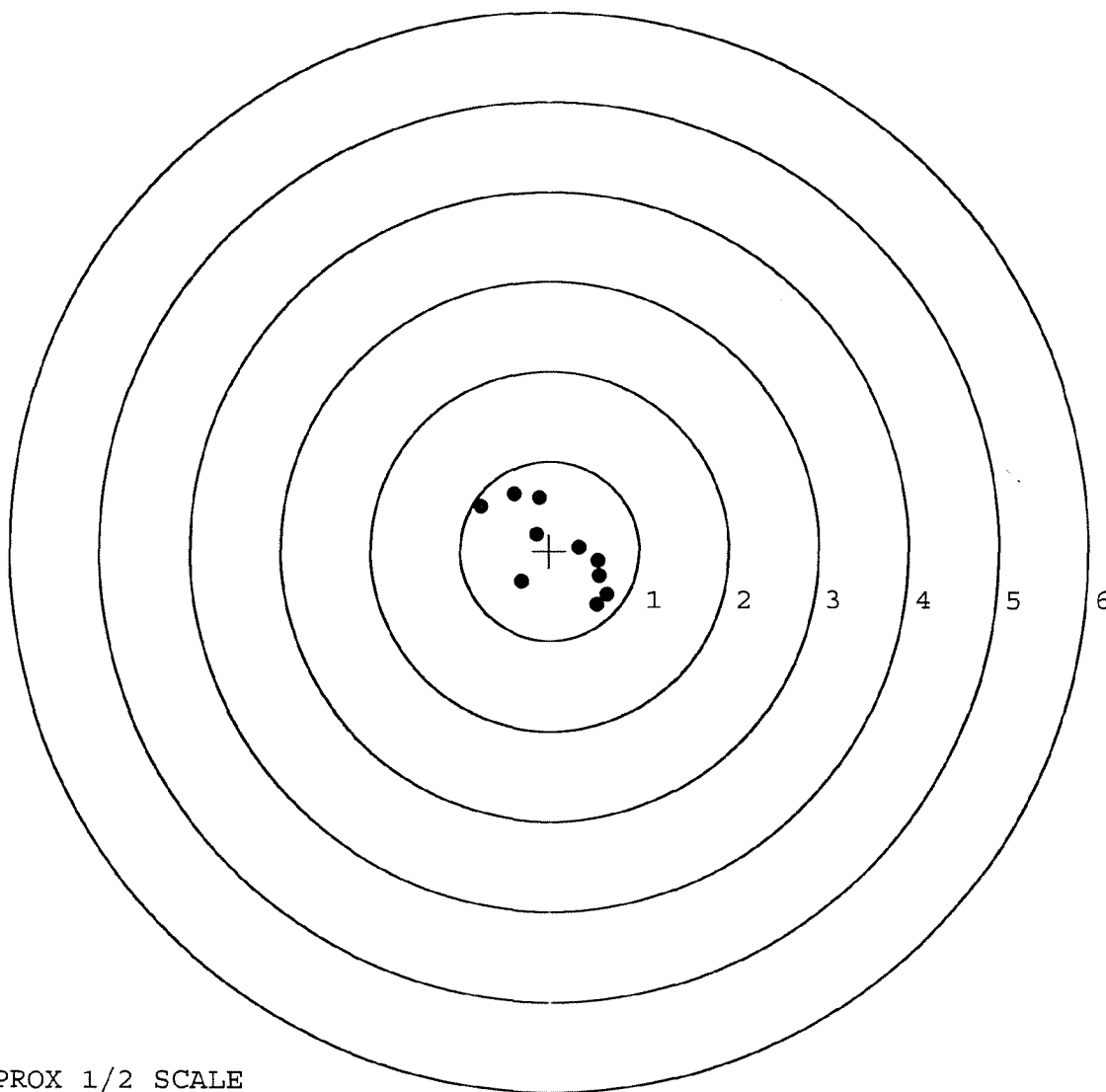
	POINT#	X	Y
	1:	0.583	0.554
	2:	0.358	0.425
	3:	-0.117	0.394
	4:	-0.207	0.247
X CENTROID:	5:	0.478	-0.210
Y CENTROID:	6:	0.373	-0.089
POA TO CENTROID:	7:	-0.365	-0.216
HORZ SPREAD:	8:	-0.556	-0.284
VERT SPREAD:	9:	-0.589	-0.158
GROUP SPREAD:	10:	0.486	-0.068
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:		6	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 2
FILE DATE: 06/22/2009
FILE TIME: 14:55

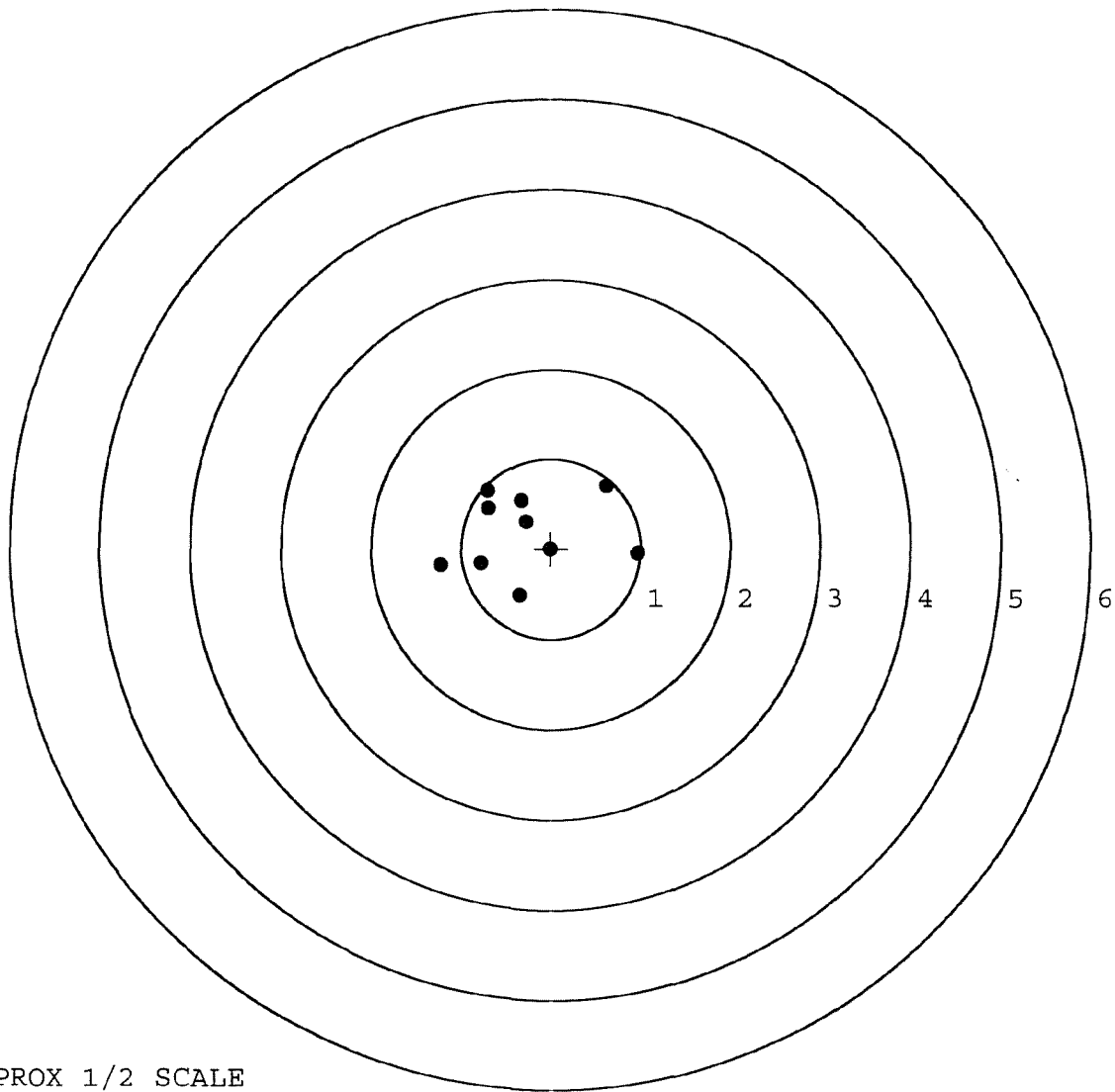
	POINT#	X	Y
	1:	0.528	-0.612
	2:	0.644	-0.497
	3:	0.554	-0.284
	4:	0.542	-0.119
X CENTROID:	5:	0.321	0.039
Y CENTROID:	6:	-0.315	-0.353
POA TO CENTROID:	7:	-0.149	0.181
HORZ SPREAD:	8:	-0.117	0.599
VERT SPREAD:	9:	-0.394	0.639
GROUP SPREAD:	10:	-0.773	0.491
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			3
# IN 2 IN DIAMETER:			10
# in 3 IN DIAMETER:			10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 3
FILE DATE: 06/22/2009
FILE TIME: 14:55

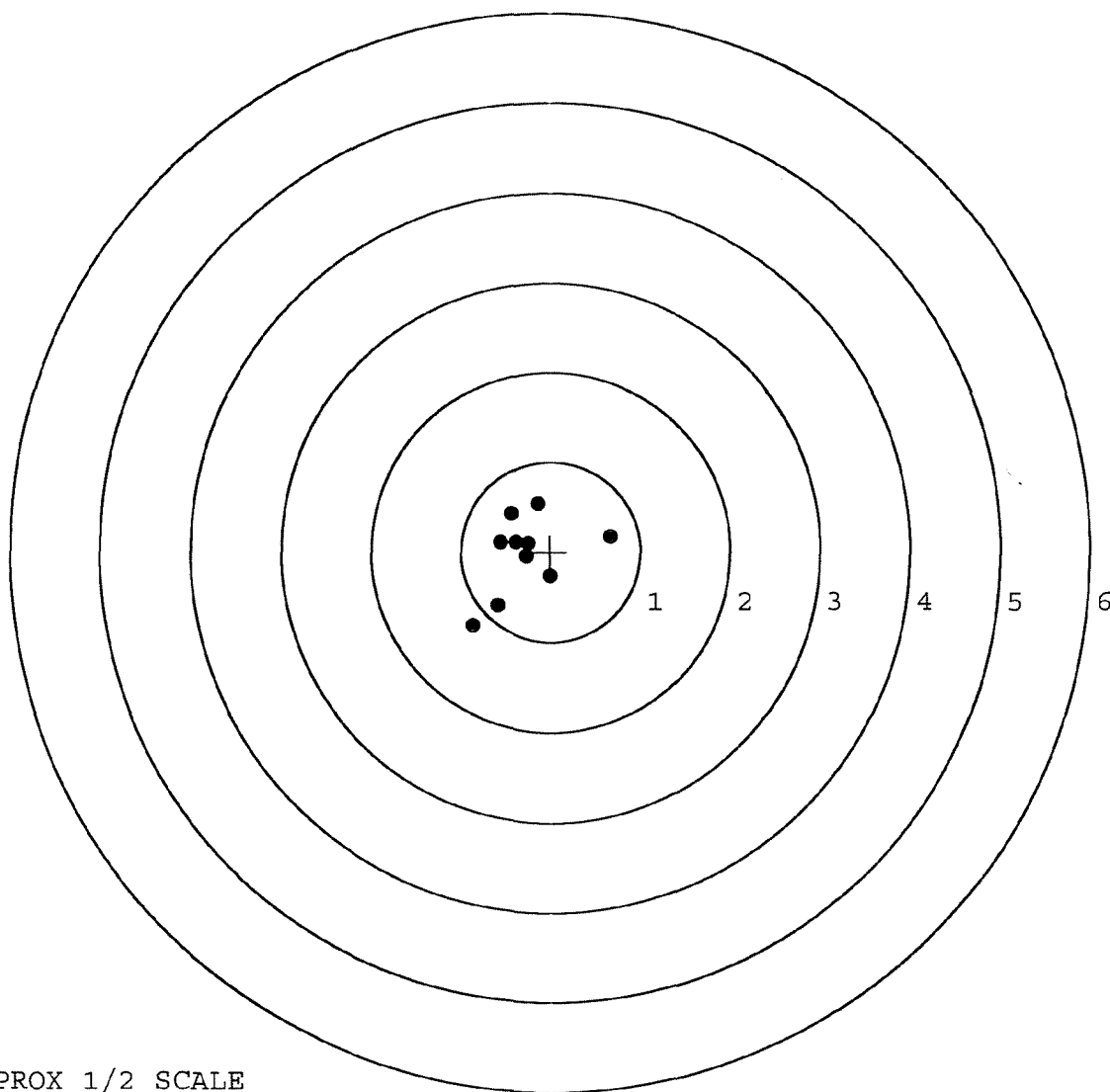
	POINT#	X	Y
	1:	0.624	0.695
	2:	0.969	-0.057
	3:	-0.277	0.296
	4:	-0.330	0.527
X CENTROID:	5:	-0.700	0.443
Y CENTROID:	6:	-0.704	0.634
POA TO CENTROID:	7:	-1.221	-0.189
HORZ SPREAD:	8:	-0.778	-0.167
VERT SPREAD:	9:	-0.352	-0.526
GROUP SPREAD:	10:	-0.010	-0.007
MIN RADIUS:		0.131	
MAX RADIUS:		1.266	
MEAN RADIUS:		0.657	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 4
FILE DATE: 06/22/2009
FILE TIME: 14:55

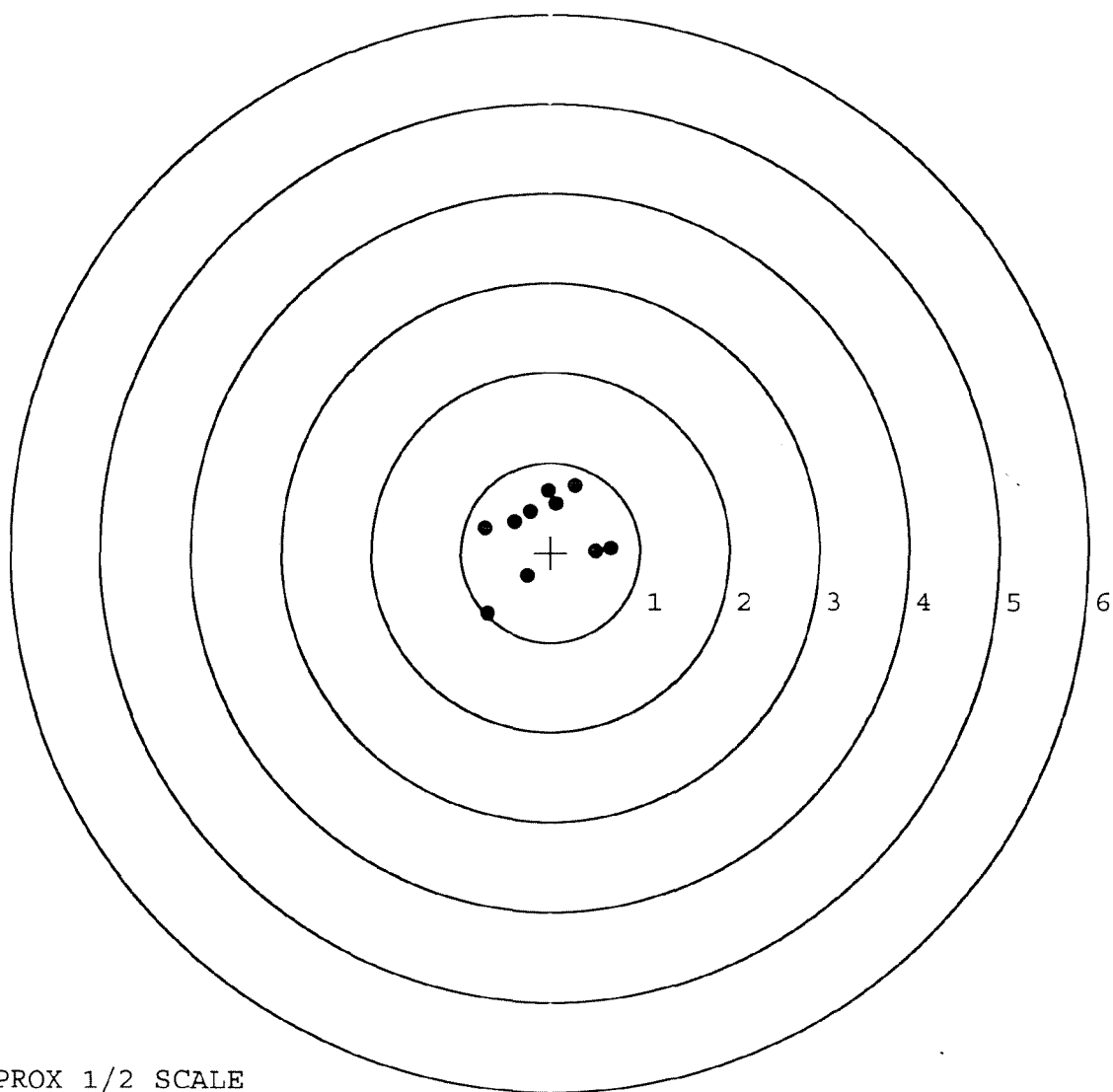
	POINT#	X	Y
	1:	0.661	0.173
	2:	-0.003	-0.273
	3:	-0.593	-0.601
	4:	-0.873	-0.830
X CENTROID:	5:	-0.142	0.538
Y CENTROID:	6:	-0.446	0.425
POA TO CENTROID:	7:	-0.554	0.109
HORZ SPREAD:	8:	-0.381	0.111
VERT SPREAD:	9:	-0.251	0.094
GROUP SPREAD:	10:	-0.270	-0.052
MIN RADIUS:		0.026	
MAX RADIUS:		0.992	
MEAN RADIUS:		0.468	
# IN 1 IN DIAMETER:		6	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 5
FILE DATE: 06/22/2009
FILE TIME: 14:55

	POINT#	X	Y
	1:	0.279	0.745
	2:	0.066	0.546
	3:	-0.020	0.690
	4:	-0.232	0.460
X CENTROID:	5:	-0.400	0.342
Y CENTROID:	6:	-0.734	0.261
POA TO CENTROID:	7:	-0.700	-0.691
HORZ SPREAD:	8:	-0.257	-0.260
VERT SPREAD:	9:	0.670	0.051
GROUP SPREAD:	10:	0.505	0.018
MIN RADIUS:		0.286	
MAX RADIUS:		1.098	
MEAN RADIUS:		0.576	
# IN 1 IN DIAMETER:		4	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

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: **RE00042740** Serial: **C6348917** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 3/4/02 4:47:00 PM**

Address Information

Customer: **COMMANDER** Received From: **COMMANDER** Return To: **COMMANDER**

Address 1: **HSC 2/7 SFG (A)** Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

magtek 3/11/02 6:49 AM C4P6 NUM IRS SCFL

Start Inbox - Microsoft Outlook Arms Services Repair ... 6:49 AM

Serial Number: **C6348917**

Model: **700**



RE00042740

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348917.___0
FILE DATE AND TIME: 03/25/2002 02:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.088
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.262
The Distance from Centroid Target #2 to Centroid Target #1:	0.386
The Distance from Centroid Target #3 to Centroid Target #1:	0.446
The Distance from Centroid Target #4 to Centroid Target #1:	0.308
The Distance from Centroid Target #5 to Centroid Target #1:	0.420

SERIAL NUMBER: C6348917. 0

TARGET NUMBER: 1

FILE DATE: 03/25/2002

FILE TIME: 02:54

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

1:	0.710	-0.803
----	-------	--------

2:	0.485	-0.895
----	-------	--------

3:	0.033	-0.513
----	-------	--------

4:	-0.166	-0.715
----	--------	--------

5:	-0.324	-0.850
----	--------	--------

6:	-0.403	0.366
----	--------	-------

7:	-0.400	0.168
----	--------	-------

8:	0.118	0.568
----	-------	-------

9:	0.657	0.603
----	-------	-------

10:	0.771	-0.089
-----	-------	--------

X CENTROID: 0.148

Y CENTROID: -0.216

POA TO CENTROID: 0.262

HORZ SPREAD: 1.174

VERT SPREAD: 1.498

GROUP SPREAD: 1.753

MIN RADIUS: 0.319

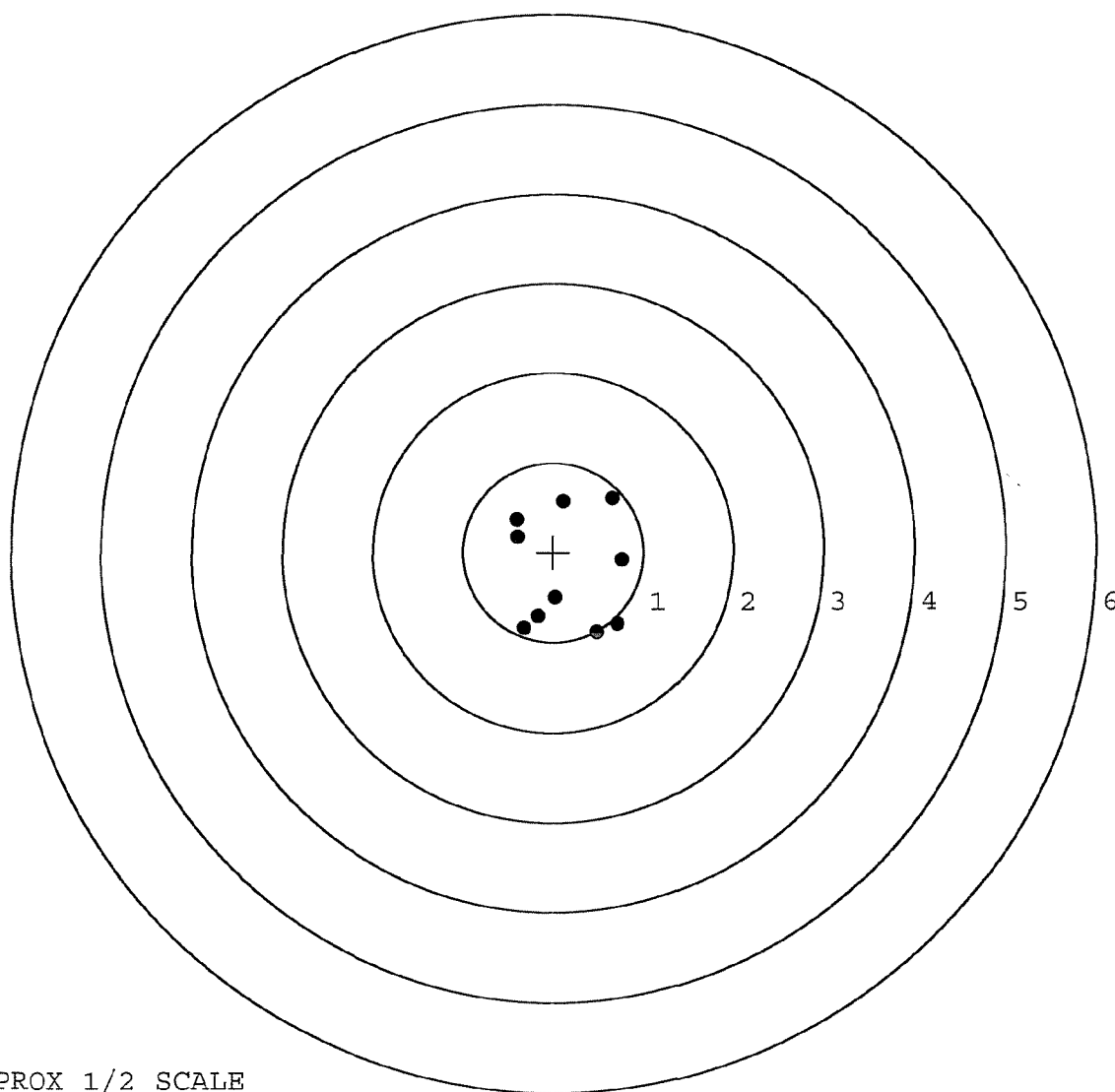
MAX RADIUS: 0.964

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

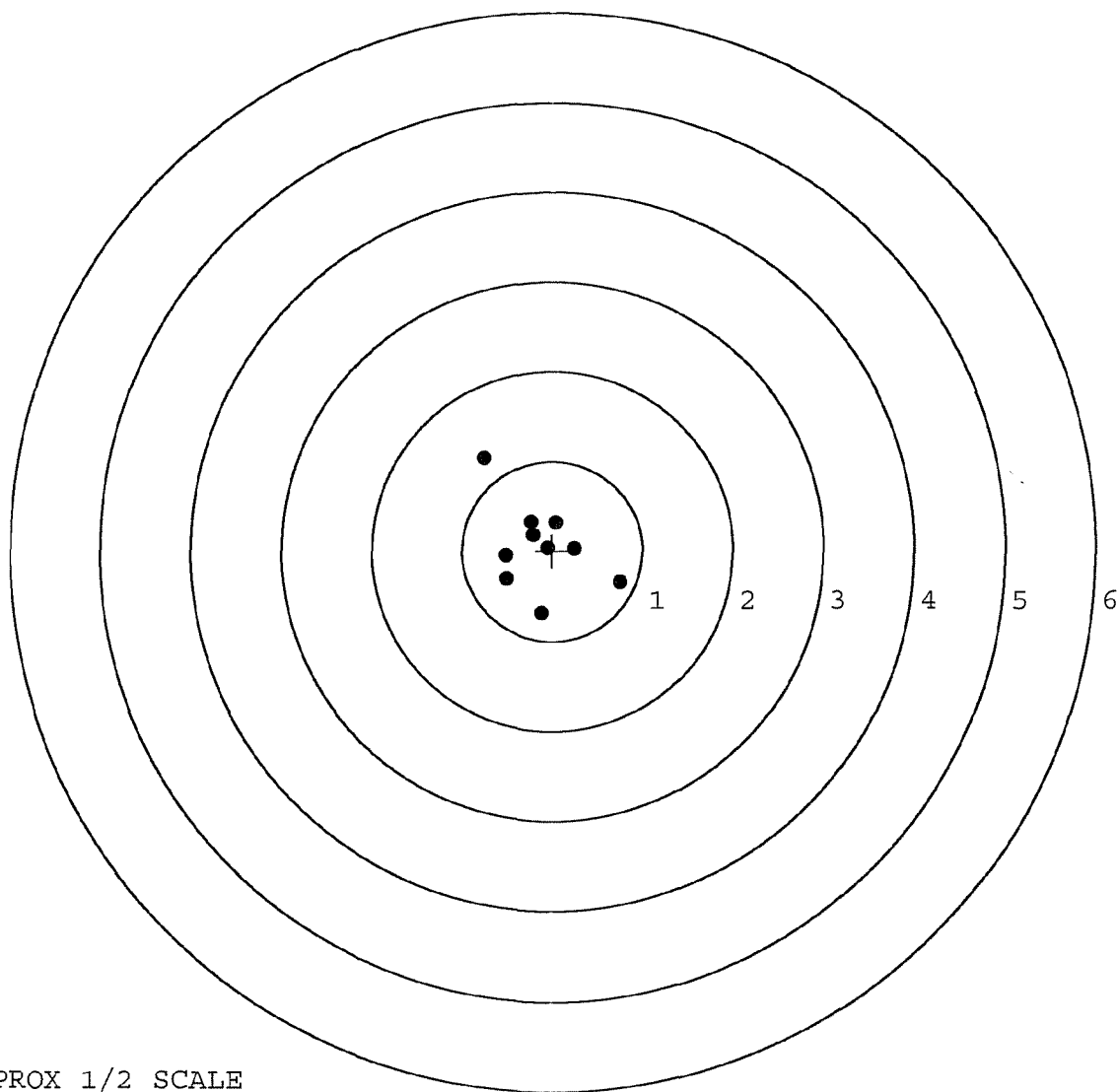


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0
TARGET NUMBER: 2
FILE DATE: 03/25/2002
FILE TIME: 02:54

POINT#	X	Y
1:	0.756	-0.357
2:	-0.118	-0.694
3:	-0.503	-0.321
4:	-0.513	-0.066
5:	-0.758	1.030
6:	-0.238	0.323
7:	0.245	0.020
8:	0.045	0.318
9:	-0.054	0.028
10:	-0.219	0.178

X CENTROID: -0.136
Y CENTROID: 0.046
POA TO CENTROID: 0.143
HORZ SPREAD: 1.514
VERT SPREAD: 1.724
GROUP SPREAD: 2.053
MIN RADIUS: 0.084
MAX RADIUS: 1.164
MEAN RADIUS: 0.504
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0

TARGET NUMBER: 3

FILE DATE: 03/25/2002

FILE TIME: 02:54

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

1:	0.531	-0.460
----	-------	--------

2:	0.019	-0.701
----	-------	--------

3:	-1.072	-0.011
----	--------	--------

4:	0.301	0.696
----	-------	-------

5:	-0.507	0.485
----	--------	-------

6:	-0.274	0.356
----	--------	-------

7:	-0.059	0.105
----	--------	-------

8:	-0.159	-0.096
----	--------	--------

9:	-0.476	0.069
----	--------	-------

10:	-0.307	0.176
-----	--------	-------

X CENTROID: -0.200

Y CENTROID: 0.062

POA TO CENTROID: 0.210

HORZ SPREAD: 1.603

VERT SPREAD: 1.397

GROUP SPREAD: 1.665

MIN RADIUS: 0.148

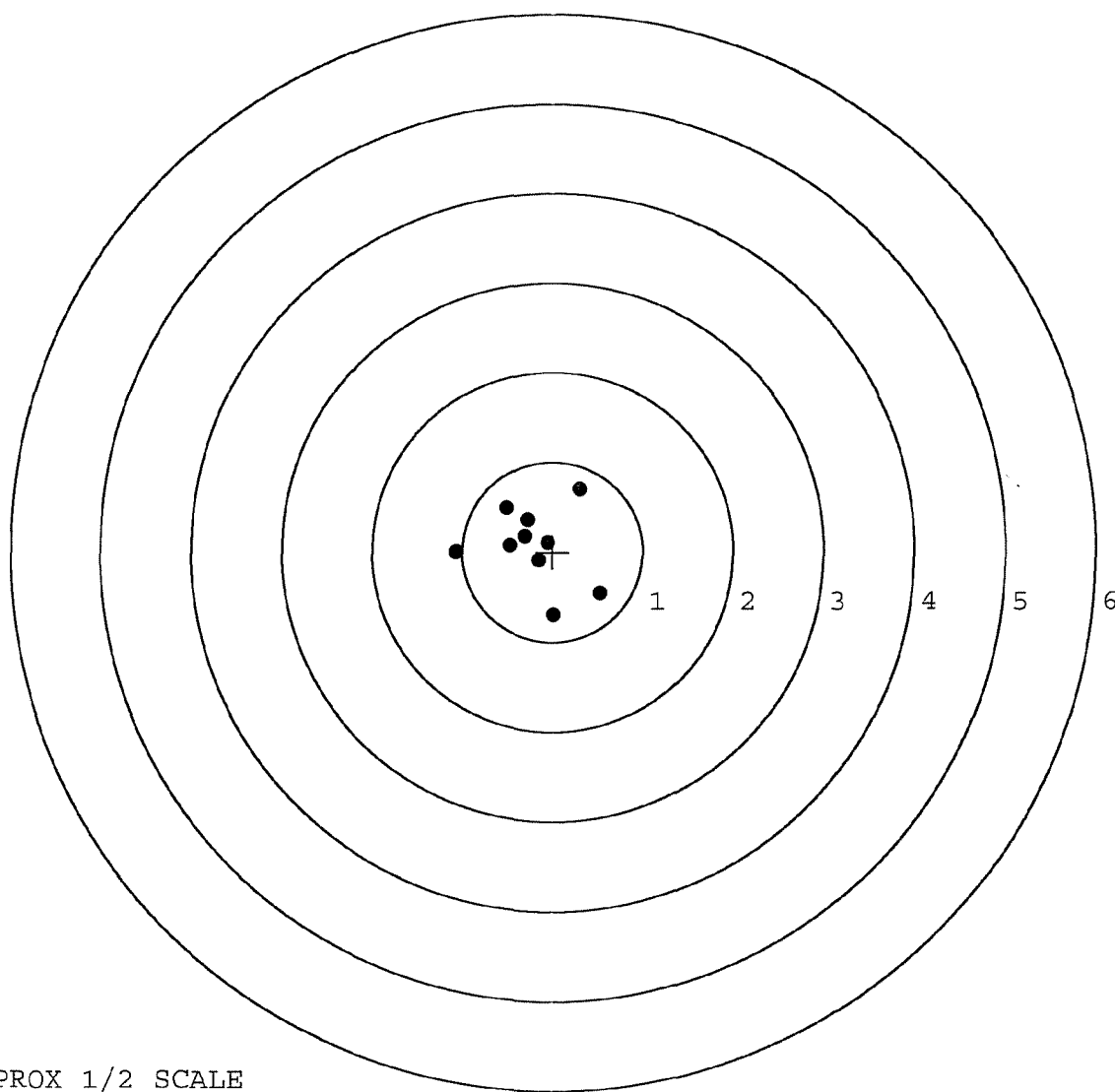
MAX RADIUS: 0.898

MEAN RADIUS: 0.494

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. 0

TARGET NUMBER: 4

FILE DATE: 03/25/2002

FILE TIME: 02:54

X CENTROID: -0.075

Y CENTROID: -0.003

POA TO CENTROID: 0.075

HORZ SPREAD: 1.294

VERT SPREAD: 1.730

GROUP SPREAD: 2.160

MIN RADIUS: 0.101

MAX RADIUS: 1.093

MEAN RADIUS: 0.629

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

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

1:	0.492	-0.917
----	-------	--------

2:	0.277	-0.786
----	-------	--------

3:	-0.262	-0.584
----	--------	--------

4:	-0.064	-0.193
----	--------	--------

5:	0.261	-0.016
----	-------	--------

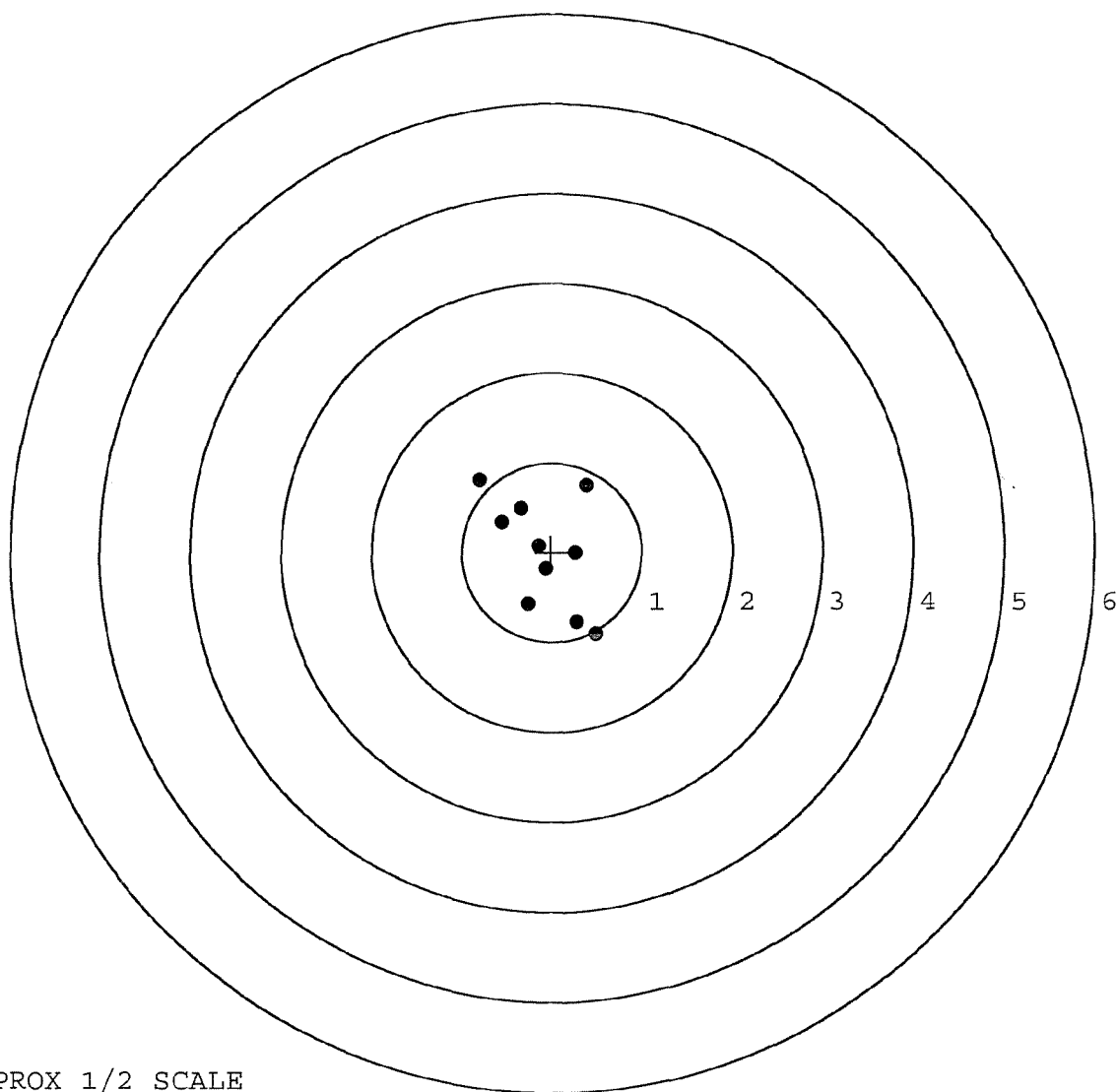
6:	0.384	0.752
----	-------	-------

7:	-0.802	0.813
----	--------	-------

8:	-0.341	0.491
----	--------	-------

9:	-0.554	0.334
----	--------	-------

10:	-0.142	0.072
-----	--------	-------



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348917. __0

TARGET NUMBER: 5

FILE DATE: 03/25/2002

FILE TIME: 02:54

X CENTROID: -0.176

Y CENTROID: 0.051

POA TO CENTROID: 0.183

HORZ SPREAD: 1.621

VERT SPREAD: 2.704

GROUP SPREAD: 2.973

MIN RADIUS: 0.140

MAX RADIUS: 1.782

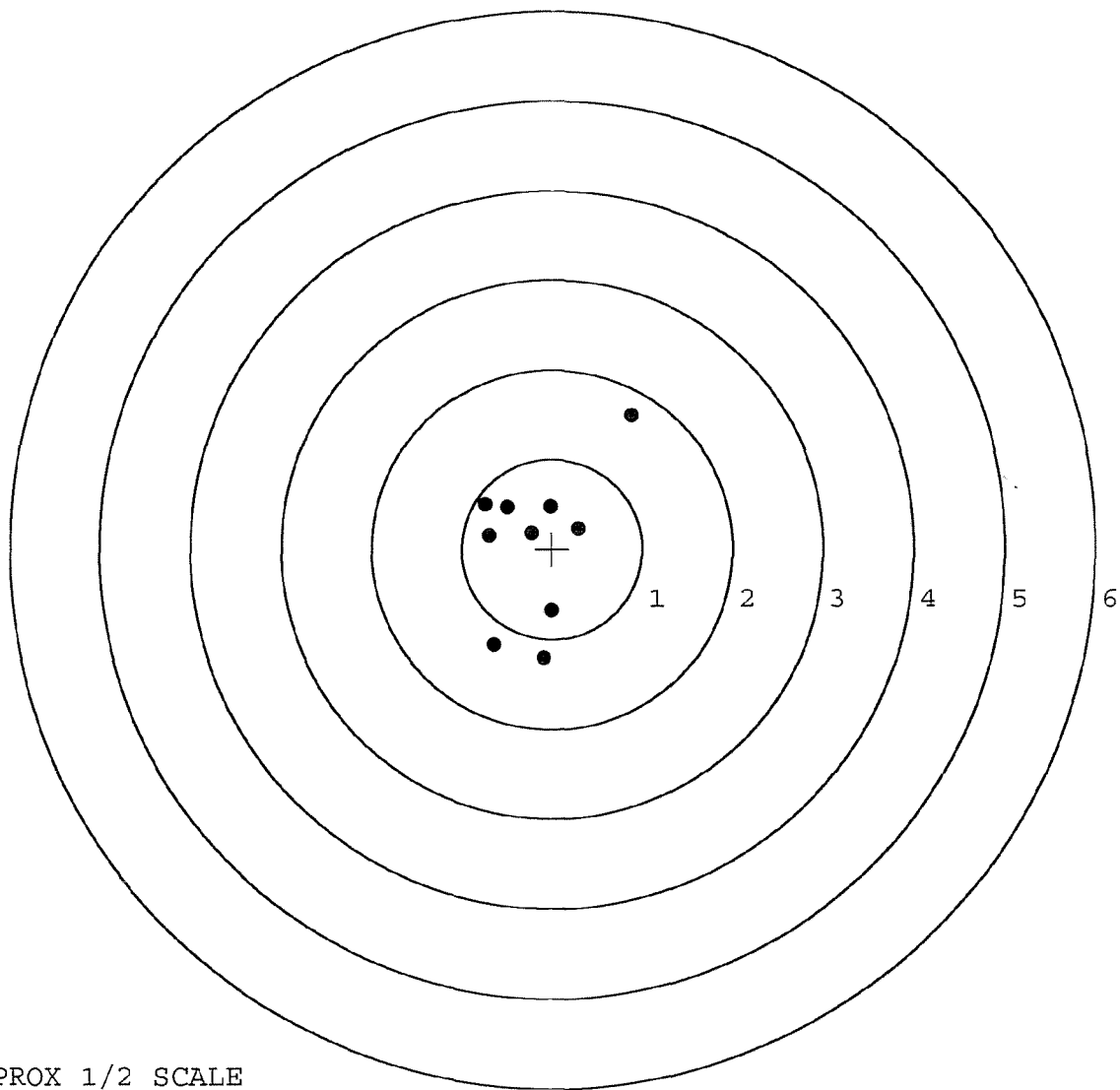
MEAN RADIUS: 0.789

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.089	-1.214
2:	-0.641	-1.068
3:	-0.001	-0.692
4:	0.290	0.233
5:	0.875	1.490
6:	-0.746	0.497
7:	-0.499	0.462
8:	-0.698	0.150
9:	-0.229	0.180
10:	-0.019	0.471



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 42740			
SERIAL NUMBER C6348917			
LOG-IN DATE 3/4/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/15/02	RK
560 A	RE-BARREL AT CUSTOM SHOP	3/18/02	BWT
B	DRILL AND TAP	3/18/02	BWT
C	POLISH		
575	ASSEMBLE	3/18/02	RK
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		OPERATOR RK
615	ROLLMARK CALIBER	3/19/02	TCD
618	ROTO-BLAST		
620	APPLY COATINGS	3-21	TH
625 A	FINAL ASSEMBLY	3-22-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-25-02	AK
655	FINAL INSPECT	3/26/02	RK
660	PACK	3/26/02	DA
		SHIP DATE	
		QAR INSPECTION DATE	




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

REQ. U.S. PAT. & TM. OFF.

MODEL 700™ H24

SERIAL NO.
C6348917

ORDER NO.
5716

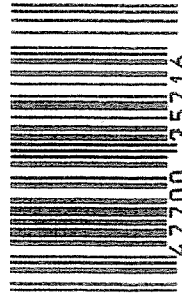
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

011



5716 C6348917

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348917

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace	7 11	89	RW
610	Dis-assemble Gun		89	RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt		7/13	KCR
615	Rollmark Caliber		7/13	YD.
617	Drill and Tap Sight Holes	7 13	89	YB
618	Polish Barrel RB	7 13	89	BT
620	Apply Coatings (Barrel Action)		7-21-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1 Aug 89	LS

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	1 aug 89	JS
	G) Safety Off Force	4	4	4	1 aug 89	JS
	H) Trigger Pull Test & Retainability				1 aug 89	JS
	I) Firing Pin Indent	.020	.021	.021	1 aug 89	JS
	J) Assemble Stock				8/3/89	RW
	K) Assemble Swivel Studs				7 aug 89	JS
	L) Attach Front and Rear Sight Assemblies				8/3/89	RW
	M) Iron Sight Alignment				8/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container				8/3/89	RW
	O) Attach Scope to Rifle				3 aug 89	JS
	P) Detach & Attach Scope 20 Times				3 aug 89	JS
640	Gallery Target & Test	61R	90L		8-4-89	DH
	A) Time				8-4-89	DH
	B) Malfunctions				8-4-89	DH
	C) Pierced Primers				8-4-89	DH
	D) Optical Clarity of Scope				8-4-89	DH
645	Inspect for Live Ammo				8-4-89	DH
655	Final Inspection					
	A) Headspace				7 aug 89	JS
	B) Trigger Pull	2.66	2.64	2.68	7 aug 89	JS
	C) Function				7 aug 89	JS
660	Pack				20 Sep 89	JS

Repaired Stock at front Swivel
9/13/89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 8917

DATE 7-11-90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.37	2.15	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.20	2.25	
PULL #3	2.26	2.17	2.16	
PULL #4	2.23	2.34	2.21	
PULL #5	2.19	2.39	2.20	
TOTAL	11.33	11.25	11.12	
AVG.	2.266	2.25	2.224	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.19	3.24	
PULL #2	3.48	3.24	
PULL #3	3.29	3.20	
PULL #4	3.25	3.23	
PULL #5	3.23	3.22	
TOTAL	16.44	16.13	
AVG.	3.288	3.226	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.43		
PULL #2	4.18	4.42		
PULL #3	4.25	4.42		
PULL #4	4.40	4.30		
PULL #5	4.42	4.37		
TOTAL	21.50	21.54		
AVG.	4.3	4.308		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348917
4 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.670251
1 TO	2	.176006
1 TO	3	.950034
1 TO	4	.791961
1 TO	5	.156975

2.2

+ ⁵ <----POA
3 4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .528
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0836
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .534577

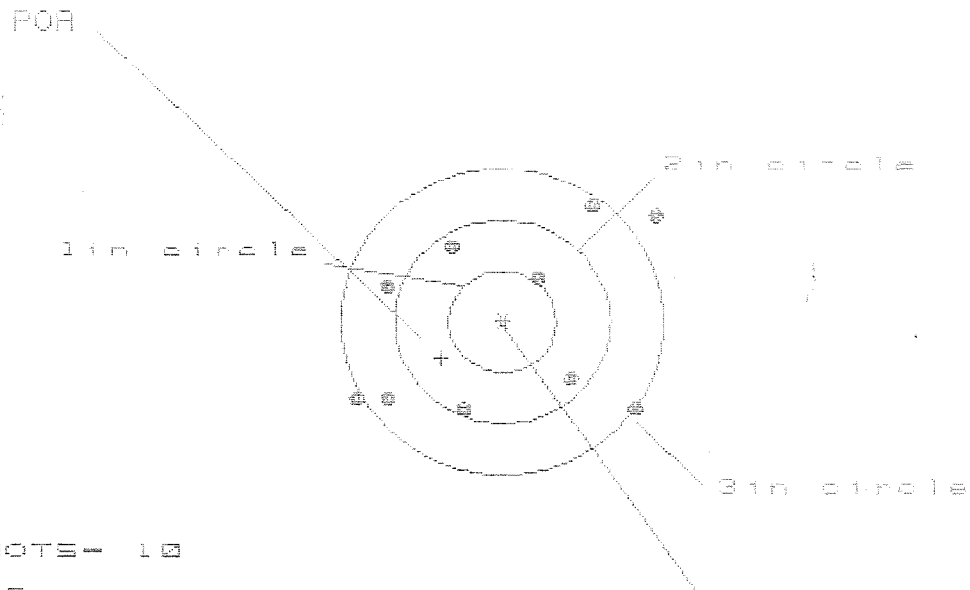
THE AMR FOR THIS RIFLE IS: 1.076

1.3

4 Aug 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06348917

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.748

VS= 2.078

GS= 3.270

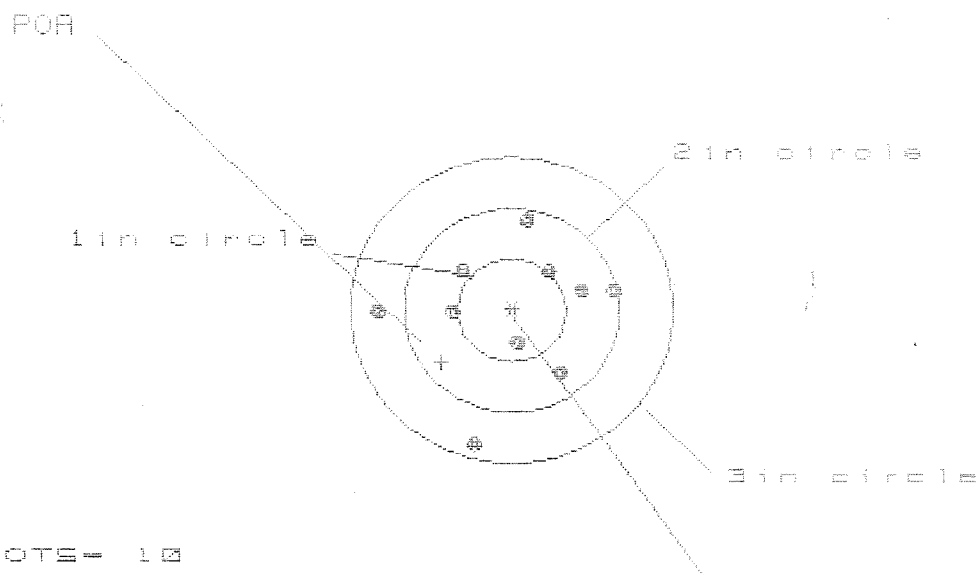
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.406	1.255
MINIMUM X	:	-1.362	-1.209	-1.089
MAXIMUM Y	:	1.171	1.288	1.212
MINIMUM Y	:	-.907	-.790	-.866
CENTROID X	:	.566	.413	.564
CENTROID Y	:	.359	.242	.318
POA TO CENTROID in.	:	.671	.478	.647
MIN RADIUS	:	.539	.725	.575
MEAN RADIUS	:	1.194	1.121	1.083
MAX RADIUS	:	1.740	1.637	1.493
HORIZONTAL SPREAD	:	2.748	2.615	2.344
VERTICAL SPREAD	:	2.078	2.078	2.078
EXTREME SPREAD	:	3.270	2.916	2.731
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

4 Aug 1989

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10
IN CIR
1in = 1
2in = 8
3in = 10
HS= 2.198
VS= 2.210
GS= 2.265

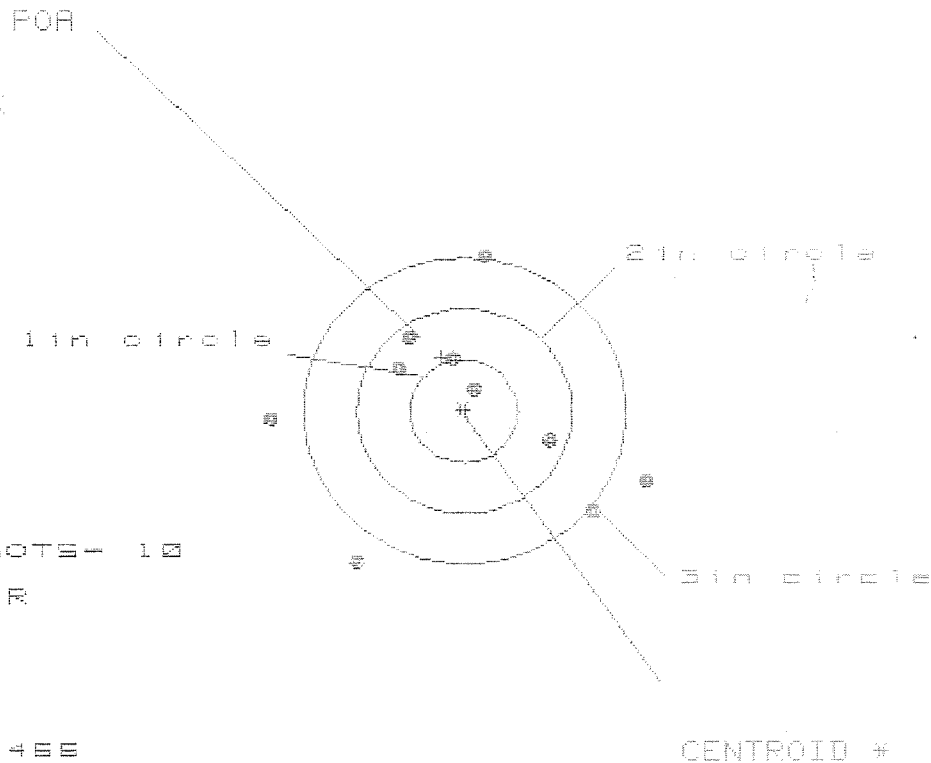
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.933	.900	.737
MINIMUM X	-1.265	-1.298	-.754
MAXIMUM Y	.877	.729	.710
MINIMUM Y	-1.333	-.727	-.746
CENTROID X	.653	.686	.849
CENTROID Y	.512	.660	.679
POA TO CENTROID in.	.830	.952	1.087
MIN RADIUS	.266	.397	.290
MEAN RADIUS	.788	.710	.615
MAX RADIUS	1.367	1.307	.776
HORIZONTAL SPREAD	2.198	2.198	1.491
VERTICAL SPREAD	2.210	1.456	1.456
EXTREME SPREAD	2.265	2.207	1.502
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

4 Aug 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 5

HS = 3.466

VS = 2.973

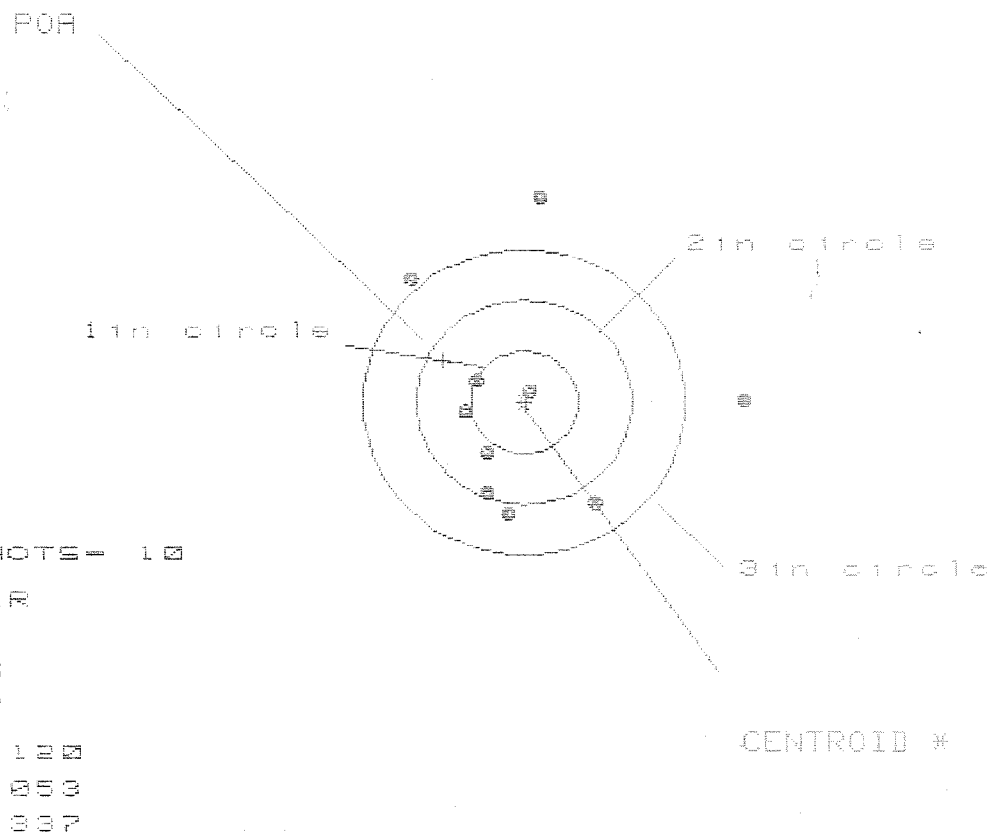
GS = 3.516

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.682	1.352	1.153
MINIMUM X	-1.784	-1.597	-1.011
MAXIMUM Y	1.530	1.456	1.438
MINIMUM Y	-1.443	-1.517	-1.535
CENTROID X	.208	.021	.220
CENTROID Y	-.521	-.447	-.429
FOR TO CENTROID in.	.561	.448	.482
MIN RADIUS	.228	.341	.153
MEAN RADIUS	1.164	1.073	.981
MAX RADIUS	1.908	1.720	1.838
HORIZONTAL SPREAD	3.466	2.949	2.164
VERTICAL SPREAD	2.973	2.973	2.973
EXTREME SPREAD	3.516	3.215	3.215
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	5		

4 Aug 1988

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CENTERFIRE PATTERNS # 4

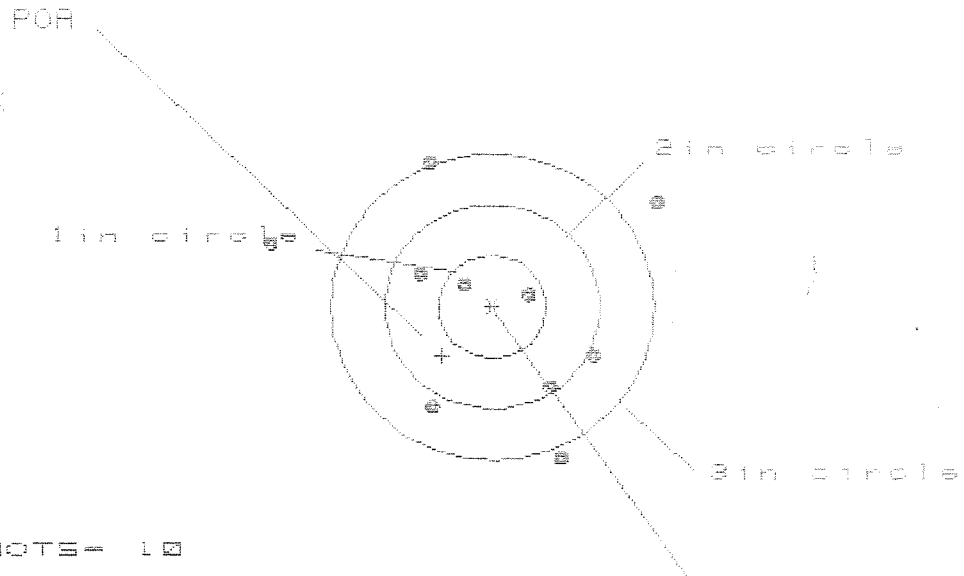


PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.087	.900	.944
MINIMUM X	-1.033	-.801	-.757
MAXIMUM Y	1.965	1.967	1.447
MINIMUM Y	-1.088	-1.086	-.840
CENTROID X	.747	.515	.471
CENTROID Y	-.412	-.414	-.660
POA TO CENTROID in.	.853	.661	.811
MIN RADIUS	.133	.323	.216
MEAN RADIUS	1.065	.909	.727
MAX RADIUS	2.087	1.999	1.633
HORIZONTAL SPREAD	3.120	1.701	1.701
VERTICAL SPREAD	3.053	3.053	2.287
EXTREME SPREAD	3.337	3.066	2.742
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

4 Aug 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 2.523

VS= 2.976

GS= 3.545

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.282	.885
MINIMUM X	:	-2.017	-.882	-.722
MAXIMUM Y	:	1.466	1.533	1.667
MINIMUM Y	:	-1.510	-1.443	-1.309
CENTROID X	:	.466	.690	.530
CENTROID Y	:	.480	.413	.279
POA TO CENTROID in.	:	.669	.804	.599
MIN RADIUS	:	.376	.254	.459
MEAN RADIUS	:	1.171	1.052	.967
MAX RADIUS	:	2.105	1.716	1.775
HORIZONTAL SPREAD	:	3.523	2.164	1.607
VERTICAL SPREAD	:	2.976	2.976	2.976
EXTREME SPREAD	:	3.545	3.199	3.199
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	