

CE348889

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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: RE00156480

Serial: C6348889 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 12/6/2003 7:41:26 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181 PO Box: BOX 339500 MAIL STOP 181 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: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case SYS	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

12/8/2008

12:27 PM

CAPS

NUM

INS

SCPL

H start

4 M...

My...

An...

My...

Par...

Mic...

My...

12:27 PM

Serial Number: C6348889

Model: M24 SWS



RE00156480

Army
Scope case
LF

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

R & E NUMBER

156480

SERIAL NUMBER

C6348889

LOG-IN DATE

12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-9-08	RTZ
505	RE-BARREL	12-9-08	RTZ
560	ASSEMBLE	12-9-08	RTZ
600	PROOF	12-15-08	J.P.N.
605	CHECK HEADSPACE	12-15-08	J.P.N.
610	DIS-ASSEMBLE GUN	12-15-08	J.P.N.
612	MAGNAFLUX	12-16-08	RTZ
510	DRILL AND TAP	12-16-08	SP
615	ROLLMARK CALIBER	12/20/08	RT
618	ROTO-BLAST	1/5	TL
620	APPLY COATINGS	1/7	TL
625	FINAL ASSEMBLY	1-8-09	RTZ
640	FUNCTION TEST AND	1-9-09	RTZ
650	TARGET	1-9-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-9-09	TL
	A) HEADSPACE	1-12-09	RTZ
		1-15-09	RTZ
	B) TRIGGER PULL	2.30 2.31 2.37 2.29 2.28	1-12-09 TL
680	F) SAFETY ON FORCE	40 40 50	1-12-09 RTZ
	G) SAFETY OFF FORCE	50 50 50	1-12-09 RTZ
	H) FIRING PIN INDENT	0.02 0.02 0.02	1-12-09 RTZ
690	PACK		1/12/09 RTZ

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348889.0

FILE DATE AND TIME: 01/12/2009 07:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.018
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.023
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.248
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.302
The Distance from Centroid Target #4 to Centroid Target #1:	0.372
The Distance from Centroid Target #5 to Centroid Target #1:	0.462

SERIAL NUMBER: C6348889. 0

TARGET NUMBER: 1

FILE DATE: 01/12/2009

FILE TIME: 07:32

X CENTROID: -0.155

Y CENTROID: 0.193

POA TO CENTROID: 0.248

HORZ SPREAD: 1.309

VERT SPREAD: 1.525

GROUP SPREAD: 1.829

MIN RADIUS: 0.235

MAX RADIUS: 1.071

MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

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

1:	-0.552	1.188
----	--------	-------

2:	-0.277	0.622
----	--------	-------

3:	0.237	0.442
----	-------	-------

4:	0.391	0.156
----	-------	-------

5:	0.458	-0.337
----	-------	--------

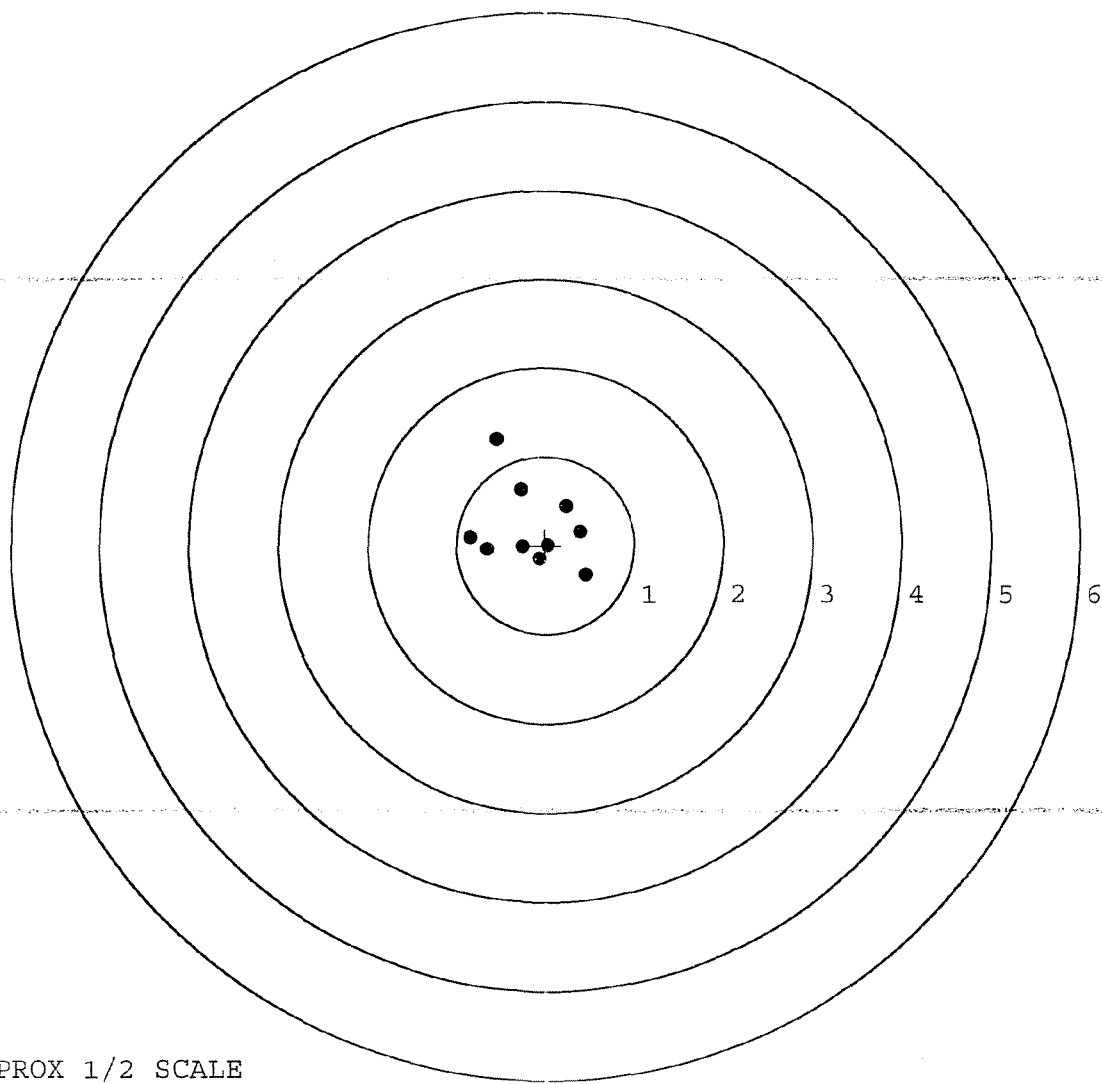
6:	0.030	-0.002
----	-------	--------

7:	-0.073	-0.160
----	--------	--------

8:	-0.255	-0.019
----	--------	--------

9:	-0.657	-0.051
----	--------	--------

10:	-0.851	0.092
-----	--------	-------



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. __0

TARGET NUMBER: 2

FILE DATE: 01/12/2009

FILE TIME: 07:32

X CENTROID: 0.033

Y CENTROID: 0.054

POA TO CENTROID: 0.063

HORZ SPREAD: 0.982

VERT SPREAD: 1.268

GROUP SPREAD: 1.604

MIN RADIUS: 0.298

MAX RADIUS: 0.816

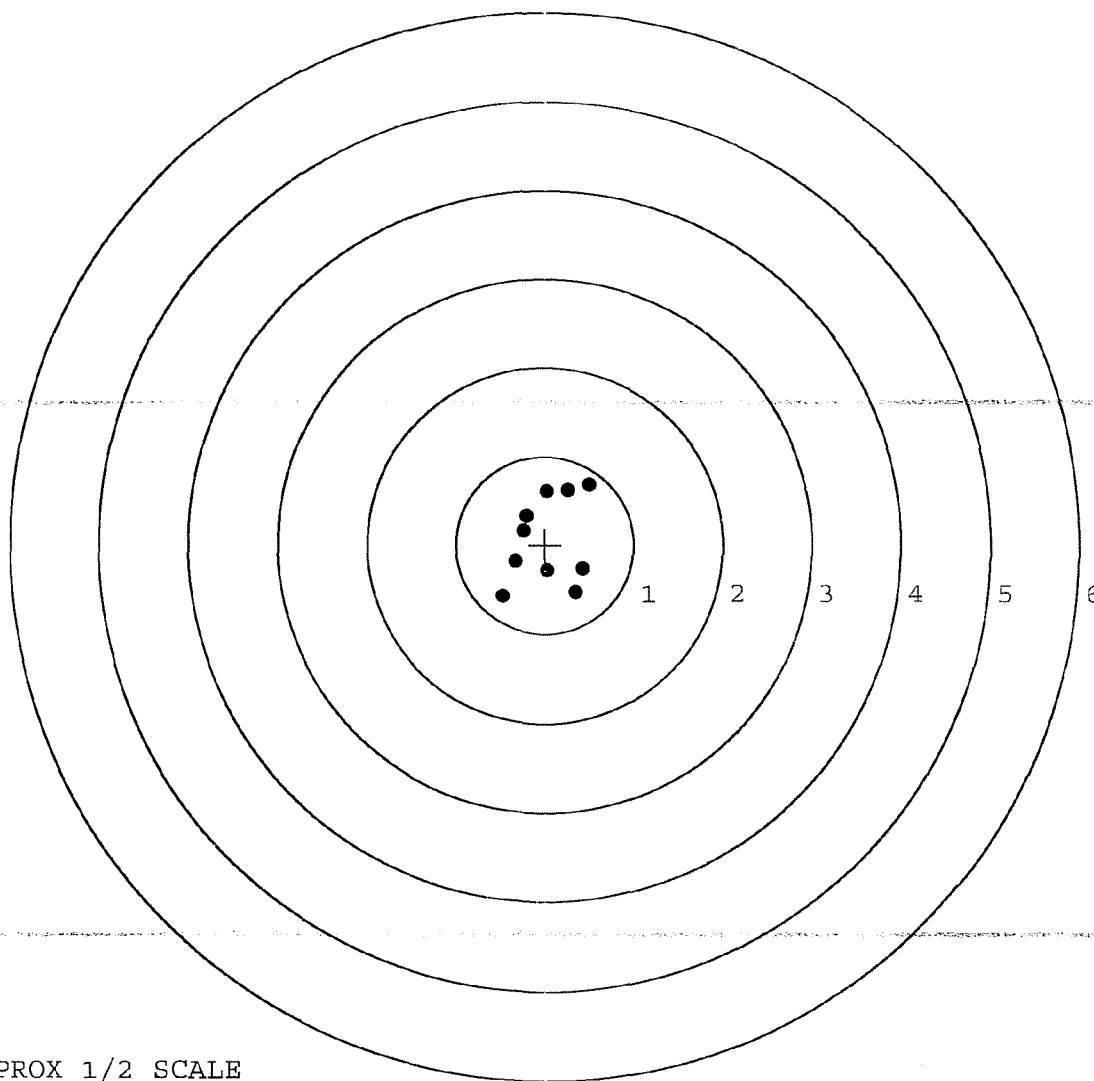
MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.505	0.685
2:	0.261	0.624
3:	0.022	0.611
4:	-0.211	0.333
5:	-0.245	0.162
6:	-0.327	-0.192
7:	-0.477	-0.583
8:	0.348	-0.538
9:	0.430	-0.273
10:	0.024	-0.292



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. 0

TARGET NUMBER: 3

FILE DATE: 01/12/2009

FILE TIME: 07:32

POINT#	X	Y
1:	-0.762	0.578
2:	-0.741	-0.174
3:	-0.218	-0.866
4:	0.434	-0.664
5:	0.838	-0.158
6:	0.838	0.180
7:	0.289	0.425
8:	0.036	0.485
9:	-0.004	0.136
10:	-0.163	-0.186

X CENTROID: 0.055

Y CENTROID: -0.024

POA TO CENTROID: 0.060

HORZ SPREAD: 1.600

VERT SPREAD: 1.444

GROUP SPREAD: 1.761

MIN RADIUS: 0.171

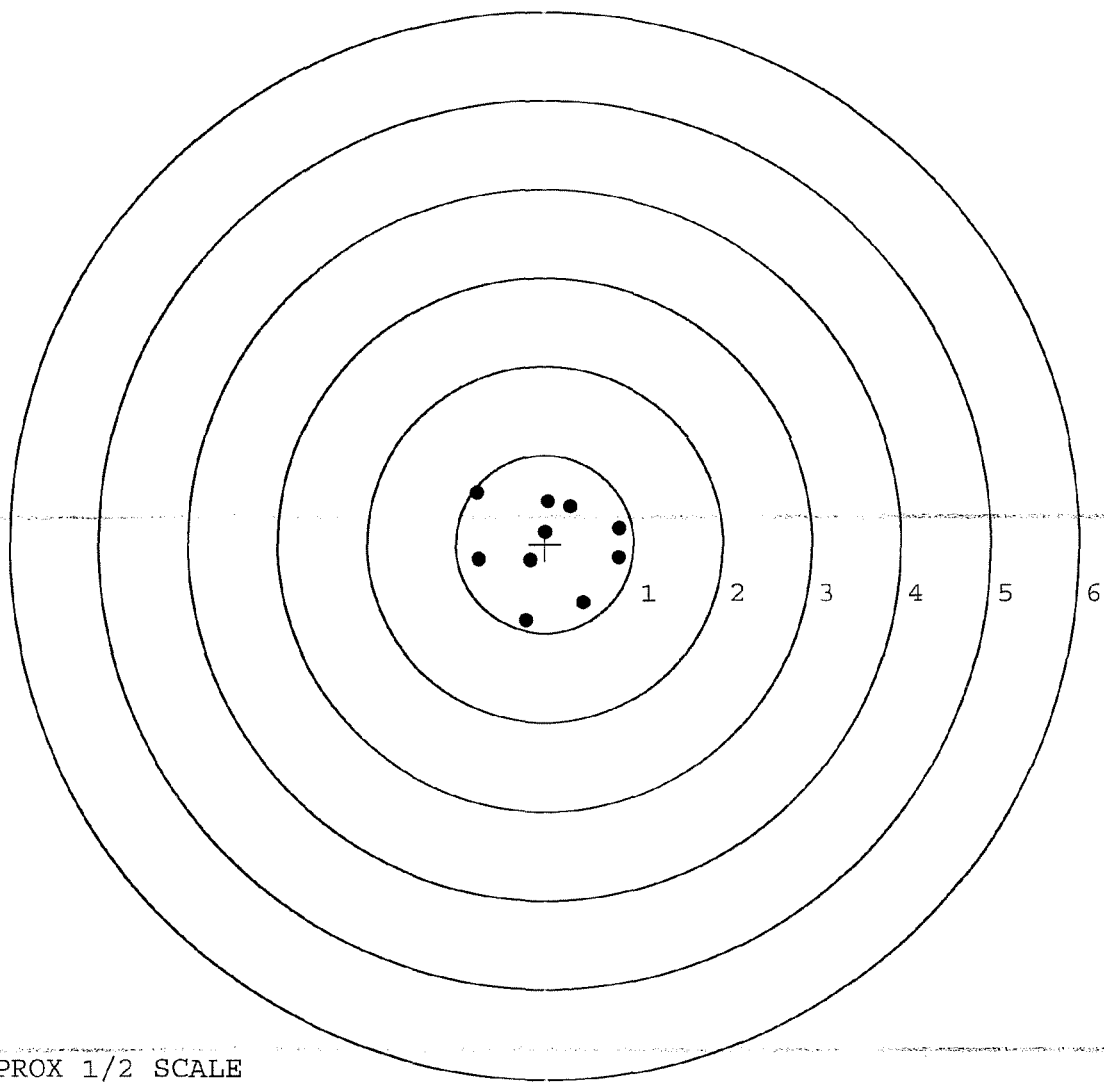
MAX RADIUS: 1.015

MEAN RADIUS: 0.652

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

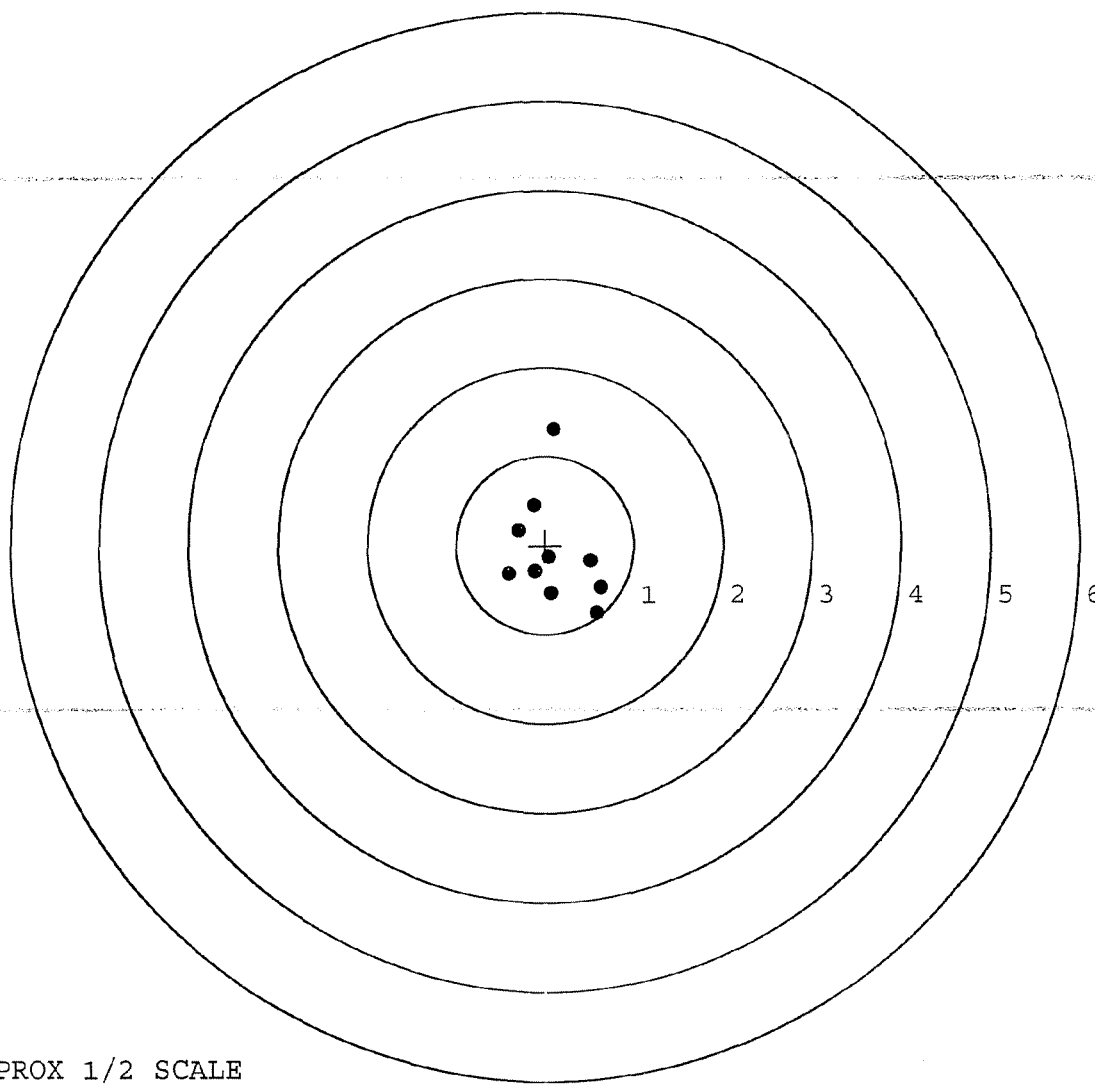


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. 0
TARGET NUMBER: 4
FILE DATE: 01/12/2009
FILE TIME: 07:32

X CENTROID: 0.097
Y CENTROID: -0.080
POA TO CENTROID: 0.126
HORZ SPREAD: 1.038
VERT SPREAD: 2.067
GROUP SPREAD: 2.124
MIN RADIUS: 0.085
MAX RADIUS: 1.383
MEAN RADIUS: 0.578
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.096	1.302
2:	-0.127	0.448
3:	-0.306	0.164
4:	0.034	-0.137
5:	-0.409	-0.327
6:	0.068	-0.544
7:	0.584	-0.765
8:	0.629	-0.476
9:	0.519	-0.176
10:	-0.116	-0.294

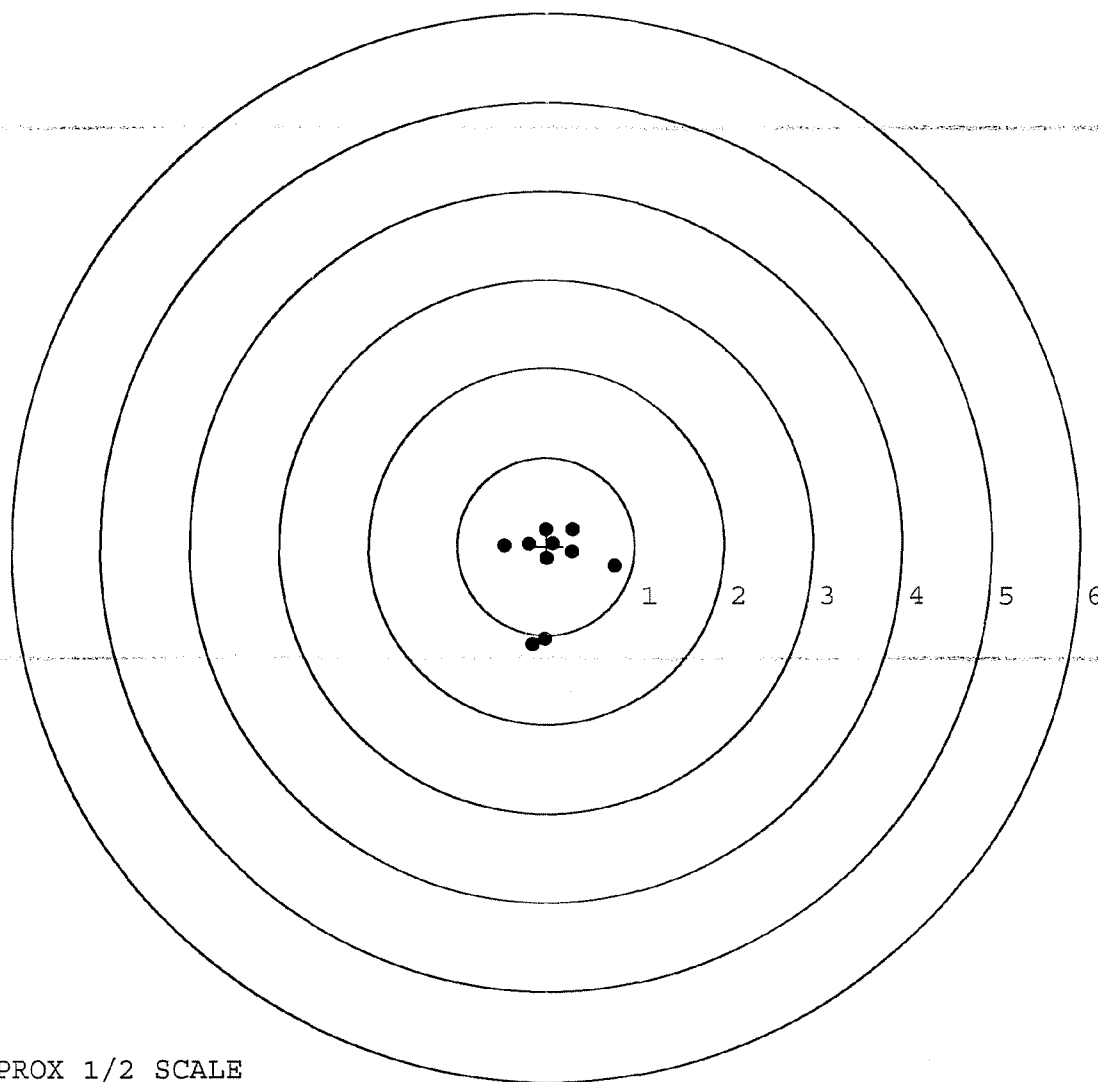


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. 0
TARGET NUMBER: 5
FILE DATE: 01/12/2009
FILE TIME: 07:32

X CENTROID: 0.059
Y CENTROID: -0.217
POA TO CENTROID: 0.225
HORZ SPREAD: 1.254
VERT SPREAD: 1.301
GROUP SPREAD: 1.380
MIN RADIUS: 0.092
MAX RADIUS: 0.917
MEAN RADIUS: 0.491
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.159	-1.108
2:	-0.016	-1.048
3:	0.780	-0.231
4:	0.300	0.193
5:	0.296	-0.070
6:	-0.012	0.190
7:	0.000	-0.146
8:	-0.200	0.022
9:	-0.474	-0.001
10:	0.071	0.029



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: **RE00092206** Serial: C6348889 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1989 Repairman: Status: Closed 2/1/2005 7:08:42 AM

Verify Repair

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box PO Box

City: ANNISTON ANNISTON

State: AL Zip Code: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

magjet 2/7/2005 11:07 AM CAPS NUM INS SCPL

start 3 3 M

Serial Number: **C6348889**
 Model: **M24 SWS**

RE00092206

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 6-14-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.34	2.87		2.26	
PULL #2	2.48	2.28		2.07	
PULL #3	2.46	2.34		2.16	
PULL #4	2.38	2.34		2.22	
PULL #5	2.38	2.36		2.15	
TOTAL	12.04	12.19		10.86	
AVERAGE	2.40	2.43		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.20		
PULL #2	3.38	3.05		
PULL #3	3.11	3.09		
PULL #4	3.14	3.05		
PULL #5	3.15	3.01		
TOTAL	16.01	15.40		
AVERAGE	3.20	3.08		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.40	4.31		4.42
PULL #2	4.51	4.33		4.16
PULL #3	4.45	4.21		4.06
PULL #4	4.45	4.10		4.11
PULL #5	4.47	4.23		4.14
TOTAL	22.28	21.18		20.89
AVERAGE	4.45	4.23		4.17

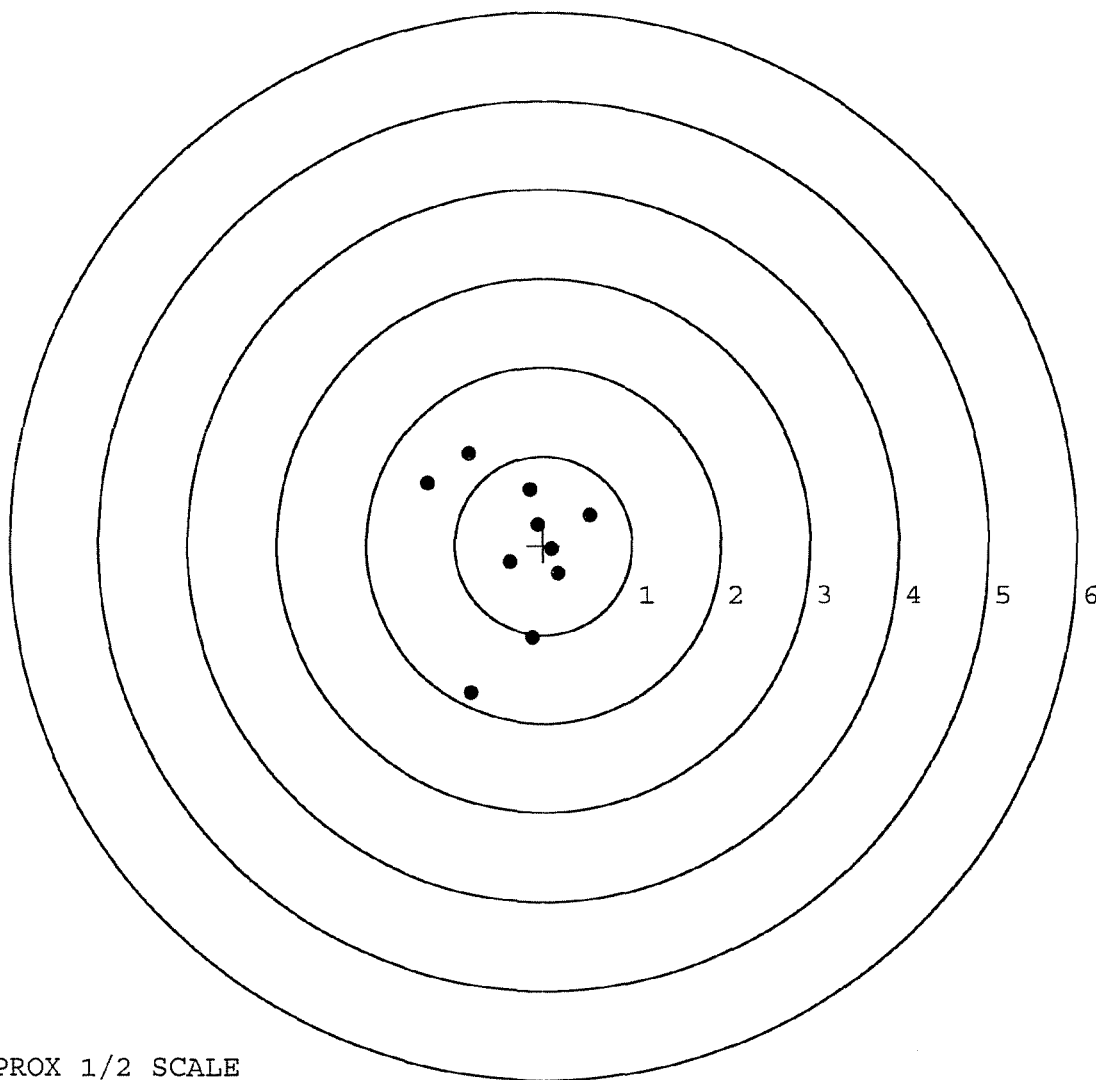
SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348889.____0
FILE DATE AND TIME: 08/11/2005 08:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

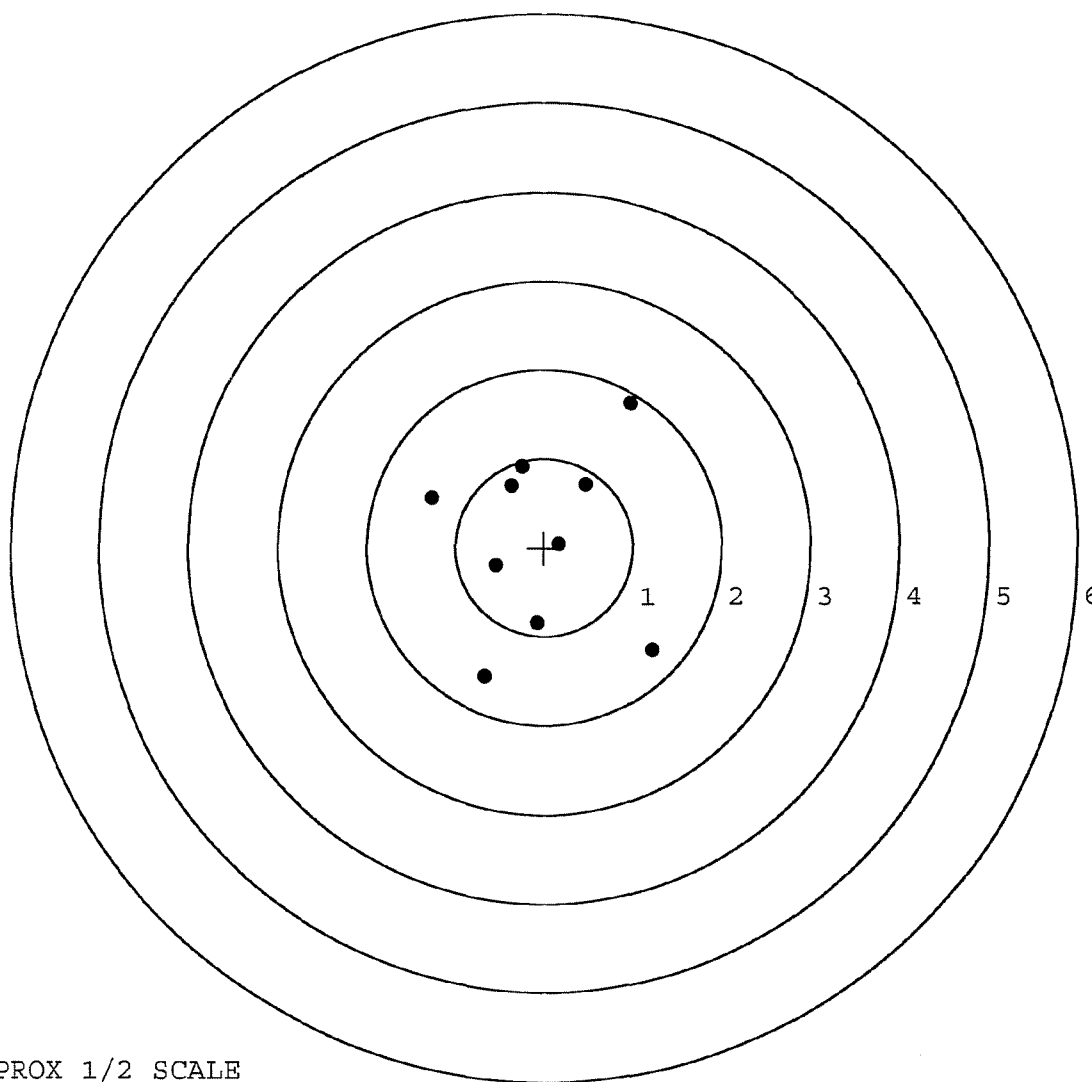
The Average X Centroid of the Five Target Set:	-0.033
The Average Y Centroid of the Five Target Set:	0.094
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	1.042
The Distance from POA to Centroid Target #1:	0.293
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.330
The Distance from Centroid Target #4 to Centroid Target #1:	0.730
The Distance from Centroid Target #5 to Centroid Target #1:	0.662

SERIAL NUMBER: C6348889.____0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.846	1.022
FILE DATE: 08/11/2005	2:	-1.313	0.692
FILE TIME: 08:23	3:	-0.816	-1.665
	4:	-0.127	-1.034
X CENTROID: -0.291	5:	-0.376	-0.195
Y CENTROID: -0.035	6:	0.173	-0.314
POA TO CENTROID: 0.293	7:	0.526	0.337
HORZ SPREAD: 1.839	8:	0.097	-0.041
VERT SPREAD: 2.687	9:	-0.065	0.227
GROUP SPREAD: 2.687	10:	-0.158	0.624
MIN RADIUS: 0.182			
MAX RADIUS: 1.713			
MEAN RADIUS: 0.820			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889.____0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.978	1.614
FILE DATE: 08/11/2005	2:	1.215	-1.160
FILE TIME: 08:23	3:	-0.676	-1.455
	4:	-1.269	0.555
X CENTROID: -0.035	5:	-0.247	0.912
Y CENTROID: 0.085	6:	0.471	0.708
POA TO CENTROID: 0.092	7:	0.167	0.041
HORZ SPREAD: 2.484	8:	-0.541	-0.204
VERT SPREAD: 3.069	9:	-0.081	-0.858
GROUP SPREAD: 3.486	10:	-0.370	0.697
MIN RADIUS: 0.207			
MAX RADIUS: 1.834			
MEAN RADIUS: 1.067			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 7			

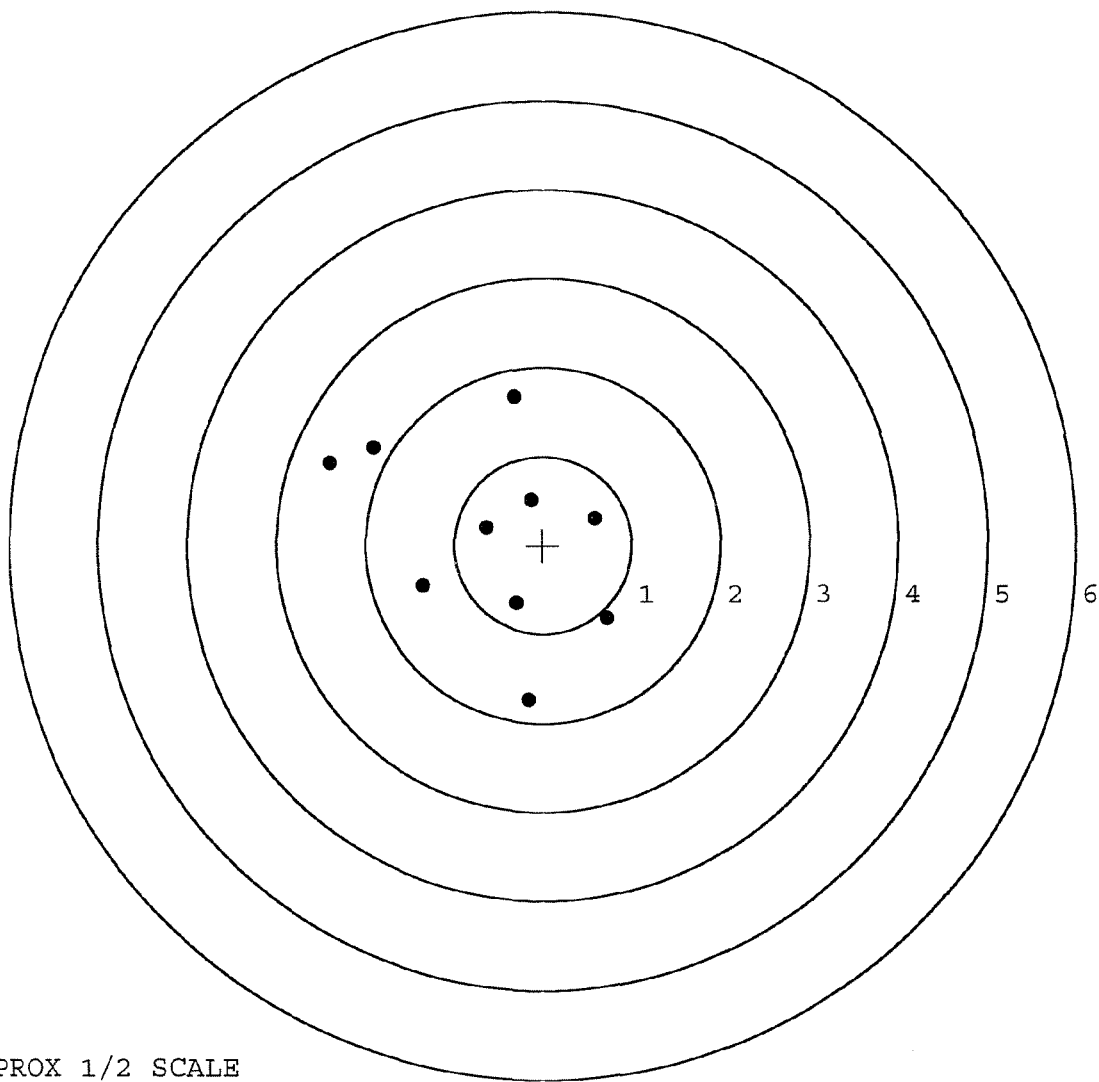


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. __0
TARGET NUMBER: 3
FILE DATE: 08/11/2005
FILE TIME: 08:23

X CENTROID: -0.593
Y CENTROID: 0.098
POA TO CENTROID: 0.601
HORZ SPREAD: 3.123
VERT SPREAD: 3.418
GROUP SPREAD: 3.579
MIN RADIUS: 0.108
MAX RADIUS: 1.983
MEAN RADIUS: 1.241
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.585	0.304
2:	0.723	-0.833
3:	-0.300	-0.658
4:	-0.163	-1.746
5:	-1.356	-0.466
6:	-0.643	0.194
7:	-0.137	0.507
8:	-0.327	1.672
9:	-1.911	1.091
10:	-2.400	0.915

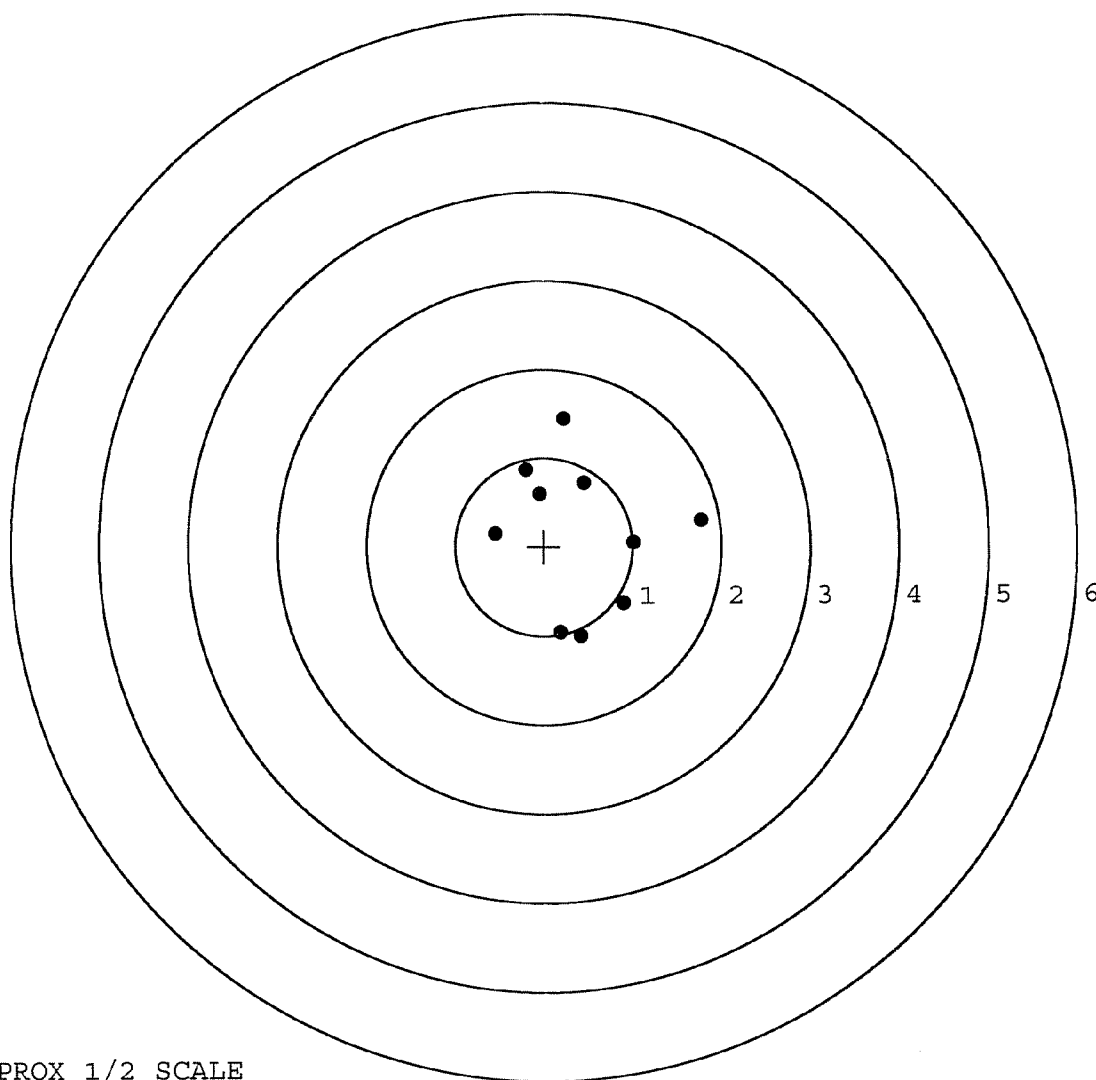


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889. __0
TARGET NUMBER: 4
FILE DATE: 08/11/2005
FILE TIME: 08:23

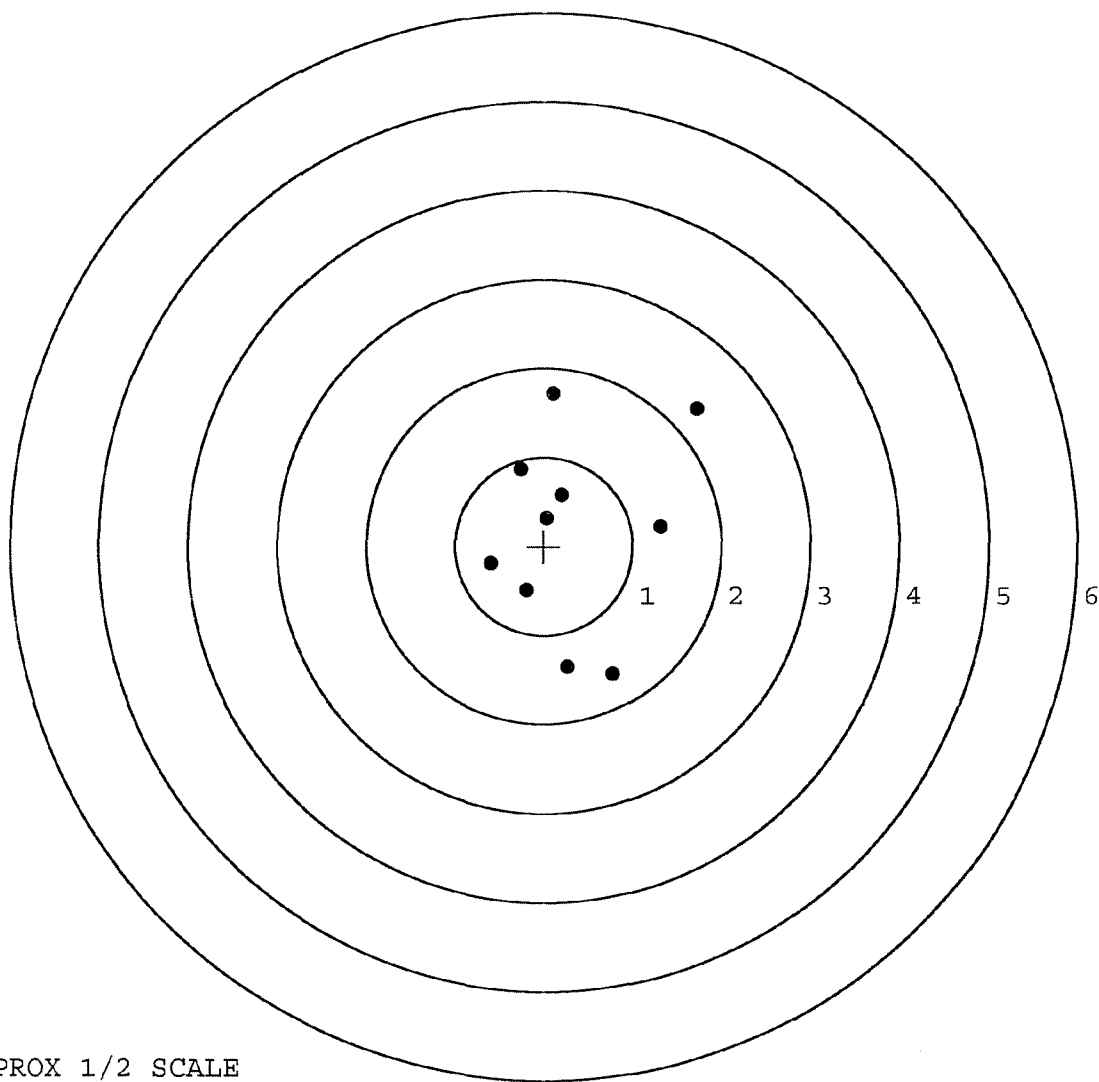
X CENTROID: 0.417
Y CENTROID: 0.148
POA TO CENTROID: 0.442
HORZ SPREAD: 2.322
VERT SPREAD: 2.446
GROUP SPREAD: 2.327
MIN RADIUS: 0.568
MAX RADIUS: 1.361
MEAN RADIUS: 0.960
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.770	0.291
2:	1.013	0.043
3:	0.894	-0.637
4:	0.418	-1.006
5:	0.190	-0.962
6:	-0.552	0.145
7:	-0.052	0.590
8:	0.458	0.715
9:	0.230	1.440
10:	-0.204	0.862



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348889.____0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.107	1.707
FILE DATE: 08/11/2005	2:	-0.266	0.864
FILE TIME: 08:23	3:	0.205	0.579
	4:	0.031	0.318
X CENTROID: 0.337	5:	-0.598	-0.197
Y CENTROID: 0.175	6:	-0.196	-0.494
POA TO CENTROID: 0.380	7:	0.273	-1.360
HORZ SPREAD: 2.323	8:	1.313	0.230
VERT SPREAD: 3.151	9:	1.725	1.546
GROUP SPREAD: 3.249	10:	0.779	-1.444
MIN RADIUS: 0.338			
MAX RADIUS: 1.951			
MEAN RADIUS: 1.123			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 6			



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92206		
SERIAL NUMBER	C6348889		
LOG-IN DATE	2-1-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-15-05	RTL
560 A	RE-BARREL	6-20-05	RTL
B	DRILL AND TAP	6-22-05	TRW
575	ASSEMBLE	6-20-05	RTL
600	PROOF	6-22-05	AC
605	CHECK HEADSPACE	6-22-05	AC
610	DIS-ASSEMBLE GUN	6-22-05	RTL
612	MAGNAFLUX TOR <i>unit</i>	6/23/05	WMB
615	ROLLMARK CALIBER	6-23-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-18-05	CW
625 A	FINAL ASSEMBLY	8-5-05	RTL
B	TRIGGER PULL TEST	8-17-05	AC
C	SAFETY "ON" FORCE	8-17-05	AC
D	SAFETY "OFF" FORCE	8-17-05	AC
E	FIRING PIN INDENT	8-17-05	AC
640	TARGET	8-17-05	AC
655	FINAL INSPECT	8-17-05	AC
660	PACK	9-19-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	




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

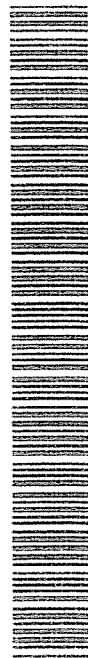
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

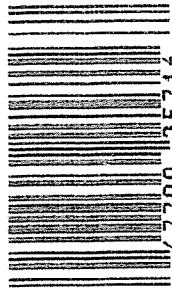
SERIAL NO.
C6348889

ORDER NO.
5716



5716 C6348889

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348889

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel <i>W/B</i>	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/26/89	228

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	6	6	9/28/89	JS
	G) Safety Off Force	3	4	3	9/28/89	JS
	H) Trigger Pull Test & Retainability				26 Sept 89	JS
	I) Firing Pin Indent	.020	.0205	.021	9/28/89	JS
	J) Assemble Stock				10/3/89	RW
	K) Assemble Swivel Studs				6 Oct 89	JS
	L) Attach Front and Rear Sight Assemblies				10/3/89	RW
	M) Iron Sight Alignment				10/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container				10/3/89	RW
	O) Attach Scope to Rifle				10/4/89	JS
	P) Detach & Attach Scope 20 Times				10/4/89	JS
640	Gallery Target & Test				10-4-89	JS
	A) Time				10-4-89	JS
	B) Malfunctions				10-4-89	JS
	C) Pierced Primers				10-4-89	JS
	D) Optical Clarity of Scope				10-4-89	JS
645	Inspect for Live Ammo				10-4-89	JS
655	Final Inspection					
	A) Headspace				6 Oct 89	JS
	B) Trigger Pull	230	234	227	6 Oct 89	JS
	C) Function				6 Oct 89	JS
660	Pack				14 Dec 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348889

DATE 14 Mar 90

TESTER QDS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.17	2.31	2.36	MIN. SETTING,
PULL #2	2.27	2.34	2.31	NO AVG. OF 5
PULL #3	2.24	2.25	2.48	READINGS ACCEPT-
PULL #4	2.34	2.33	2.31	ABLE LESS THAN 2#
PULL #5	2.11	2.48	2.72	
TOTAL	11.13	11.71		
AVG.	2.226	2.354		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	2.87	2.89	
PULL #2	2.84	3.01	
PULL #3	2.91	3.03	
PULL #4	2.91	2.95	
PULL #5	2.86	2.95	
TOTAL	14.39	14.83	
AVG.	2.878	2.966	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.18		
PULL #2	4.07	4.34		
PULL #3	4.19	4.21		
PULL #4	4.19	4.43		
PULL #5	4.21	4.27		
TOTAL	20.88	21.43		
AVG.	4.176	4.286		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348889
4 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.514709
1 TO	2	.704197
1 TO	3	1.00403
1 TO	4	.528337
1 TO	5	.5208

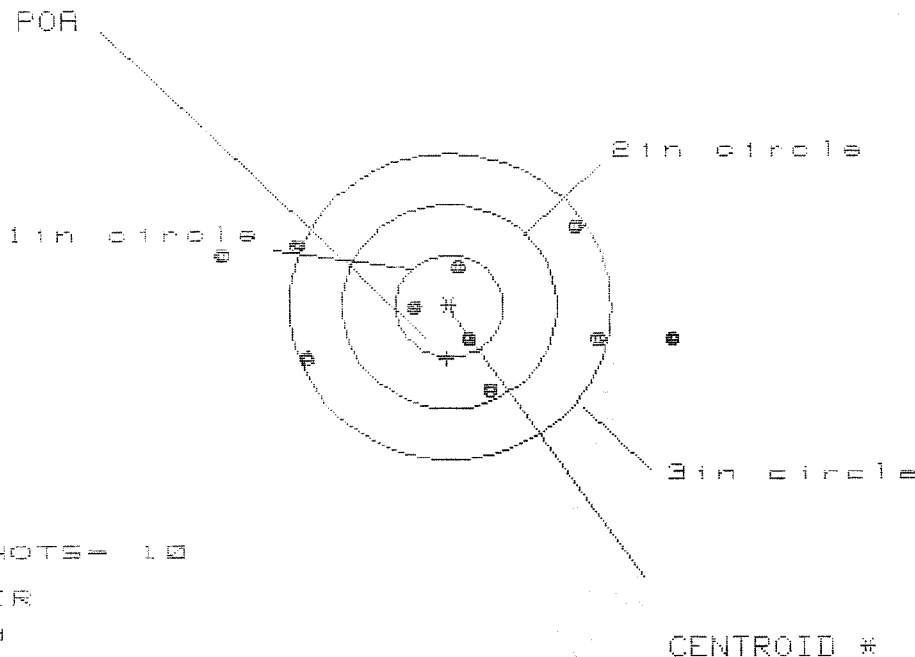
$\frac{1}{3}$ $\frac{4}{3}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4428
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1664
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .473634
THE ANR FOR THIS RIFLE IS: 1.077

4 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B089

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 7

HS= 4.205

VS= 1.566

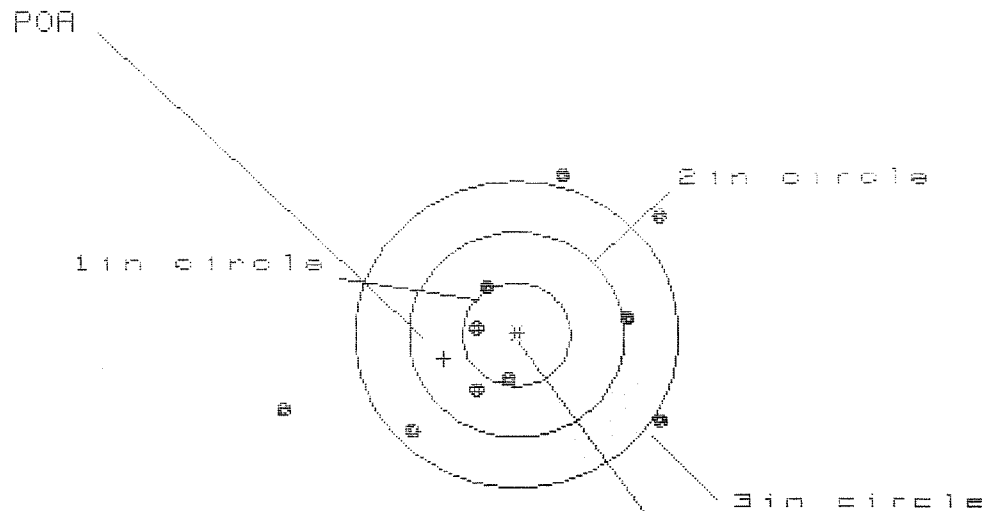
GS= 4.205

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.073	1.896	1.414
MINIMUM X	:	-2.132	-1.634	-1.485
MAXIMUM Y	:	.743	.803	.774
MINIMUM Y	:	-.823	-.763	-.792
CENTROID X	:	.027	.264	.035
CENTROID Y	:	.514	.454	.483
POA TO CENTROID in.	:	.514	.526	.484
MIN RADIUS	:	.323	.279	.323
MEAN RADIUS	:	1.206	1.089	.969
MAX RADIUS	:	2.198	1.850	1.543
HORIZONTAL SPREAD	:	4.205	3.470	2.819
VERTICAL SPREAD	:	1.566	1.566	1.566
EXTREME SPREAD	:	4.285	3.584	2.955
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8348889

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 4

3 in = 6

HS = 3.543

VS = 2.425

GS = 4.035

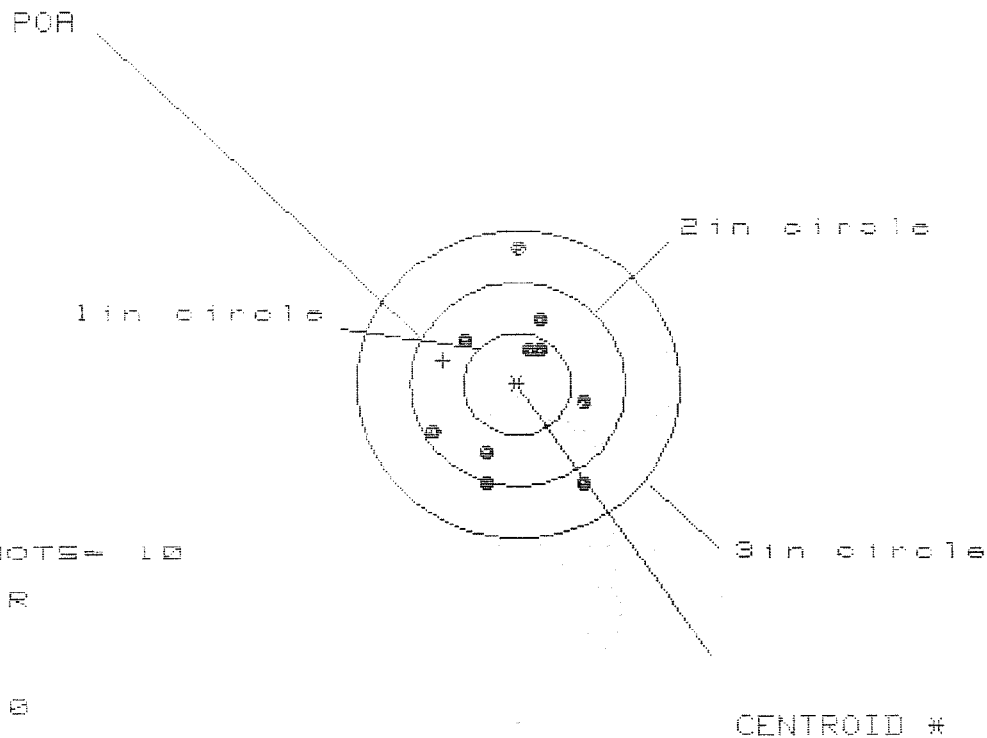
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.368	1.117	1.230
MINIMUM X	:	-2.183	-1.204	-1.064
MAXIMUM Y	:	1.516	1.435	1.575
MINIMUM Y	:	-1.909	-1.990	-1.850
CENTROID X	:	.674	.917	.777
CENTROID Y	:	.236	.317	.177
POA TO CENTROID in.	:	.714	.970	.797
MIN RADIUS	:	.347	.584	.398
MEAN RADIUS	:	1.156	1.050	.941
MAX RADIUS	:	2.302	1.581	1.609
HORIZONTAL SPREAD	:	3.543	2.321	2.294
VERTICAL SPREAD	:	2.425	2.425	2.425
EXTREME SPREAD	:	4.035	3.136	2.796
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.396

VS= 2.331

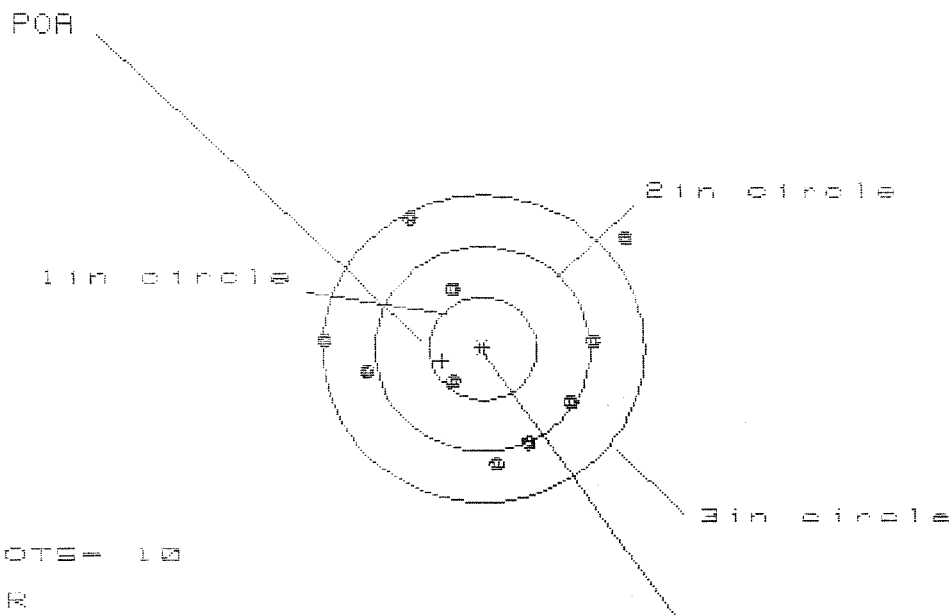
GS= 2.423

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.647	.645	.720
MINIMUM X	:	-.749	-.751	-.670
MAXIMUM Y	:	1.343	.772	.667
MINIMUM Y	:	-.988	-.839	-.876
CENTROID X	:	.690	.692	.611
CENTROID Y	:	-.240	-.389	-.284
POA TO CENTROID in.	:	.731	.794	.674
MIN RADIUS	:	.383	.521	.460
MEAN RADIUS	:	.779	.722	.664
MAX RADIUS	:	1.343	1.058	.903
HORIZONTAL SPREAD	:	1.396	1.396	1.390
VERTICAL SPREAD	:	2.331	1.611	1.543
EXTREME SPREAD	:	2.423	1.925	1.621
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8348889

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 2

3in = 8

HE = 0.877

VS = 2.485

GS = 0.859

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.368	1.204	1.034
MINIMUM X	:	-1.509	-1.357	-1.054
MAXIMUM Y	:	1.323	1.443	1.463
MINIMUM Y	:	-1.082	-0.962	-0.942
CENTROID X	:	.379	.227	.397
CENTROID Y	:	.120	.000	-.020
POB TO CENTROID in.	:	.397	.227	.397
MIN RADIUS	:	.414	.226	.339
MEAN RADIUS	:	1.103	1.003	.952
MAX RADIUS	:	1.742	1.532	1.615
HORIZONTAL SPREAD	:	2.877	2.561	2.089
VERTICAL SPREAD	:	2.485	2.485	2.485
EXTREME SPREAD	:	3.059	2.561	2.528
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

4 Oct 1989

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CENTERFIRE PATTERNS

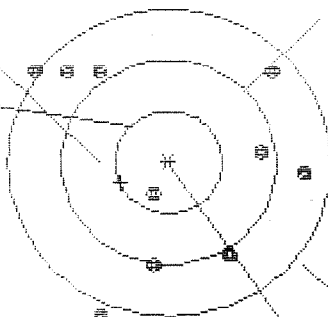
5

POA

1 in circle

2 in circle

3 in circle



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HM = 0.465

VM = 0.445

GM = 0.887

CENTROID *

PATTERN #	5	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.265	1.199	1.041
MINIMUM X	-1.200	-1.266	-1.146
MAXIMUM Y	.935	.768	.860
MINIMUM Y	-1.510	-1.124	-1.032
CENTROID X	.444	.510	.668
CENTROID Y	.202	.369	.277
POA TO CENTROID in.	.487	.630	.723
MIN RADIUS	.361	.540	.533
MEAN RADIUS	1.143	1.090	1.016
MAX RADIUS	1.624	1.466	1.433
HORIZONTAL SPREAD	2.465	2.465	2.187
VERTICAL SPREAD	2.445	1.892	1.892
EXTREME SPREAD	2.887	2.658	2.414
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	