

C6348864

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*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: **RE00092939** Serial: C6348864 Model: M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 12/13/1989 Repairman: Status: Closed 2/10/2005 1:14:07 PM

Verify Repair: [REDACTED]

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 AL Zip Code: 362014199 362014199 Country: US US

FPI: [REDACTED]

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

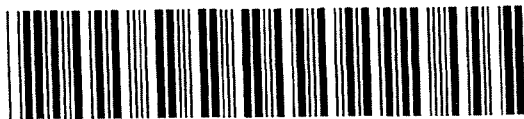
Repair Search Refresh Close

Model: 2/14/2005 8:17 AM CAPS NUM INS SCPL

start 5 2 4 Arms Services

Serial Number: **C6348864**

Model: **M24 SWS**



RE00092939

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348864.__0
FILE DATE AND TIME: 06/06/2005 07:00

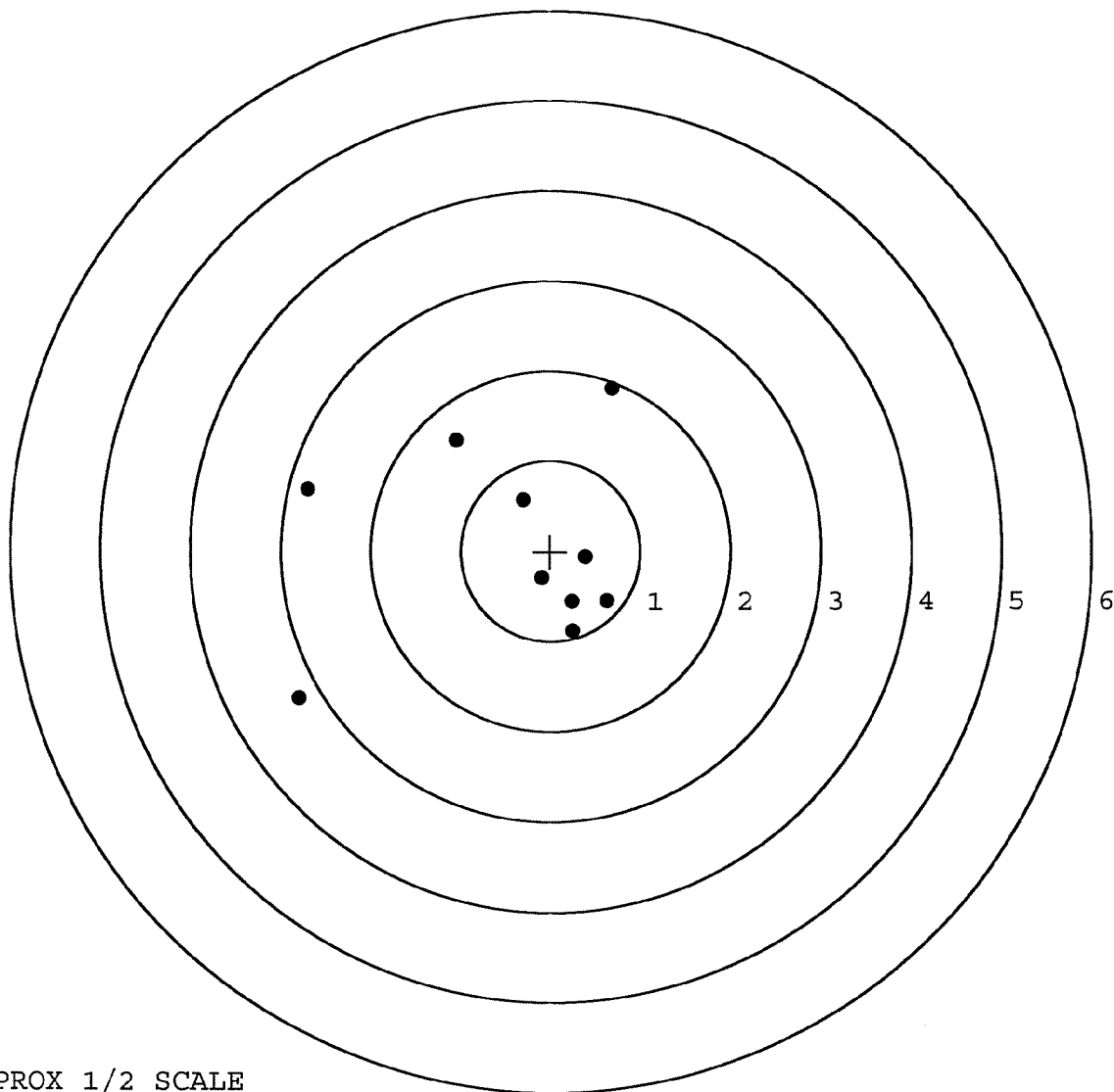
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.238
The Average Point of Impact of the Five Target Set:	0.244
The Average Mean Radius of the Five Target Set:	1.070
The Distance from POA to Centroid Target #1:	0.476
The Distance from Centroid Target #2 to Centroid Target #1:	0.390
The Distance from Centroid Target #3 to Centroid Target #1:	0.384
The Distance from Centroid Target #4 to Centroid Target #1:	0.778
The Distance from Centroid Target #5 to Centroid Target #1:	0.907

SERIAL NUMBER: C6348864.____0
TARGET NUMBER: 1
FILE DATE: 06/06/2005
FILE TIME: 07:00

POINT#	X	Y
1:	-2.804	-1.637
2:	-2.706	0.686
3:	-1.052	1.222
4:	-0.303	0.563
5:	0.692	1.801
6:	0.392	-0.064
7:	-0.096	-0.295
8:	0.630	-0.553
9:	0.244	-0.557
10:	0.248	-0.890

X CENTROID: -0.476
Y CENTROID: 0.028
POA TO CENTROID: 0.476
HORZ SPREAD: 3.496
VERT SPREAD: 3.438
GROUP SPREAD: 4.903
MIN RADIUS: 0.498
MAX RADIUS: 2.862
MEAN RADIUS: 1.391
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

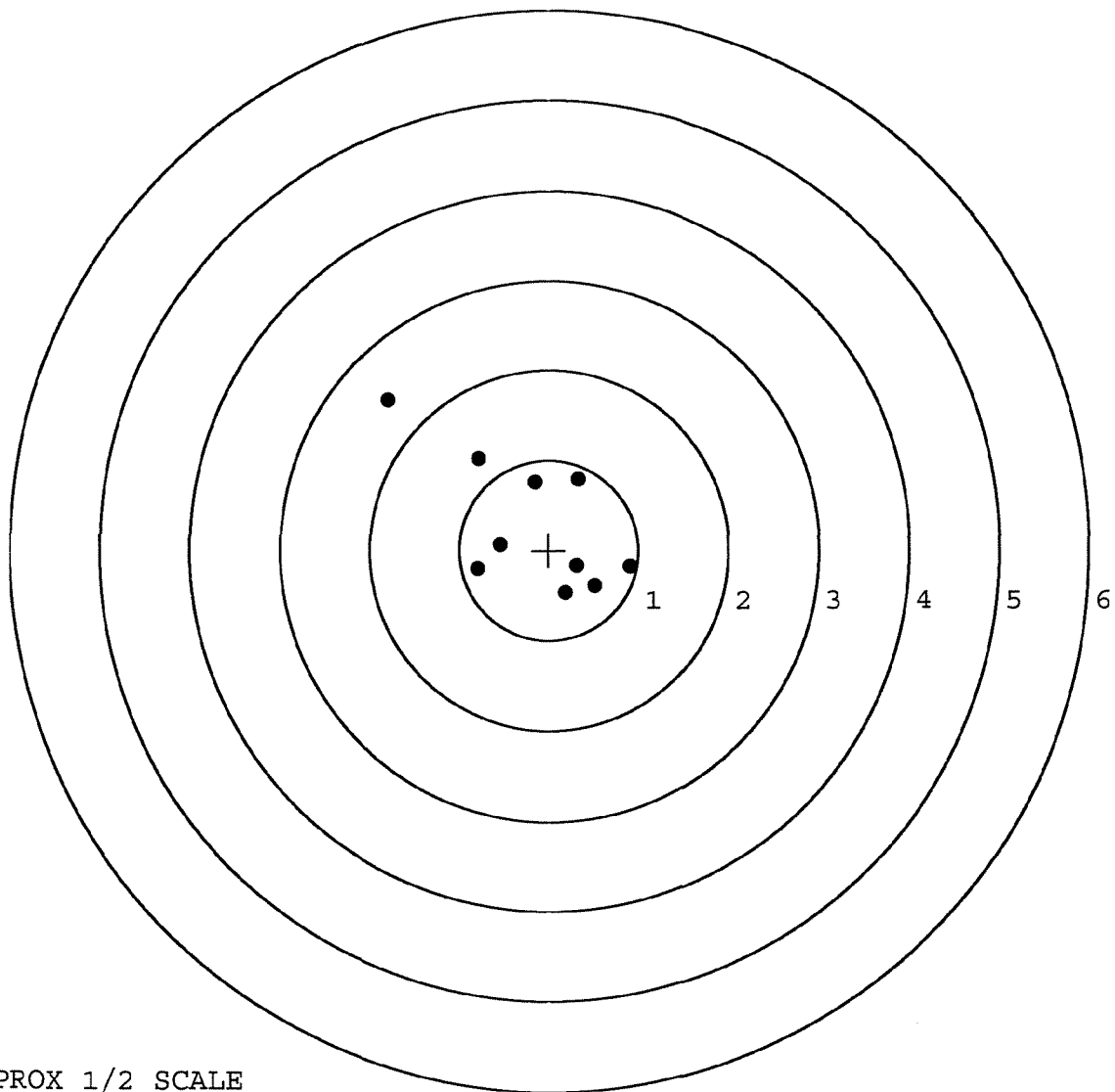


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864. __0
TARGET NUMBER: 2
FILE DATE: 06/06/2005
FILE TIME: 07:00

X CENTROID: -0.182
Y CENTROID: 0.284
POA TO CENTROID: 0.338
HORZ SPREAD: 2.713
VERT SPREAD: 2.138
GROUP SPREAD: 3.280
MIN RADIUS: 0.422
MAX RADIUS: 2.124
MEAN RADIUS: 0.917
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.913	-0.182
2:	0.519	-0.400
3:	0.191	-0.477
4:	0.314	-0.174
5:	-0.541	0.062
6:	-0.795	-0.208
7:	-0.160	0.757
8:	0.327	0.788
9:	-0.788	1.016
10:	-1.800	1.661



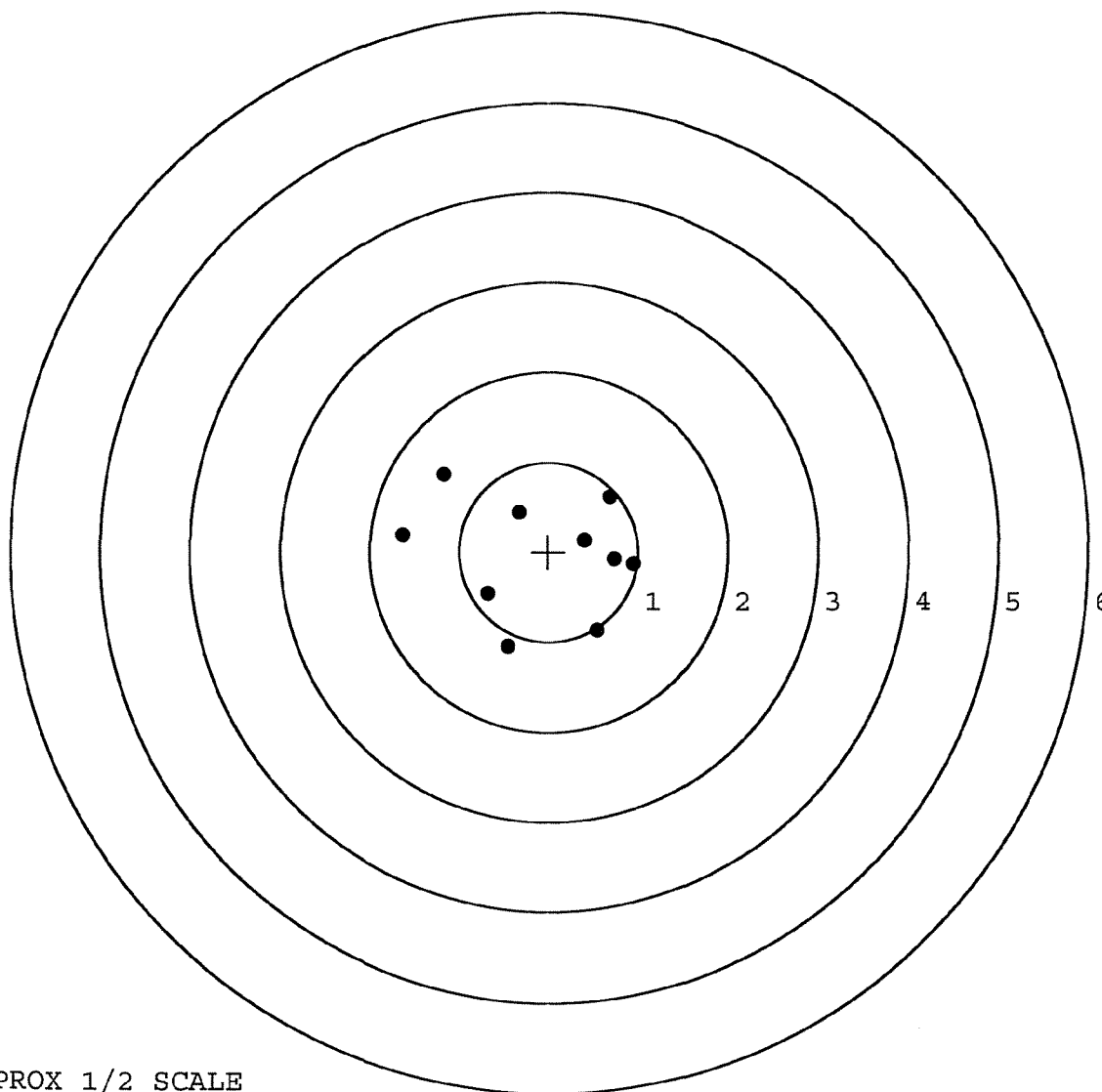
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864.____0
TARGET NUMBER: 3
FILE DATE: 06/06/2005
FILE TIME: 07:00

X CENTROID: -0.097
Y CENTROID: -0.037
POA TO CENTROID: 0.104
HORZ SPREAD: 2.585
VERT SPREAD: 1.916
GROUP SPREAD: 2.605
MIN RADIUS: 0.524
MAX RADIUS: 1.556
MEAN RADIUS: 0.980

POINT#	X	Y
1:	0.545	-0.877
2:	0.948	-0.134
3:	0.735	-0.082
4:	0.399	0.132
5:	0.691	0.618
6:	-0.339	0.446
7:	-0.681	-0.469
8:	-0.458	-1.055
9:	-1.637	0.187
10:	-1.176	0.861

IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864. __0

TARGET NUMBER: 4

FILE DATE: 06/06/2005

FILE TIME: 07:00

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

1:	0.495	-0.158
----	-------	--------

2:	0.220	-0.054
----	-------	--------

3:	0.141	-0.413
----	-------	--------

4:	0.209	0.265
----	-------	-------

5:	-0.360	0.033
----	--------	-------

6:	-0.367	-0.354
----	--------	--------

7:	1.408	0.629
----	-------	-------

8:	0.649	1.162
----	-------	-------

9:	1.120	1.397
----	-------	-------

10:	-1.786	2.071
-----	--------	-------

X CENTROID: 0.173

Y CENTROID: 0.458

POA TO CENTROID: 0.489

HORZ SPREAD: 3.194

VERT SPREAD: 2.484

GROUP SPREAD: 3.504

MIN RADIUS: 0.196

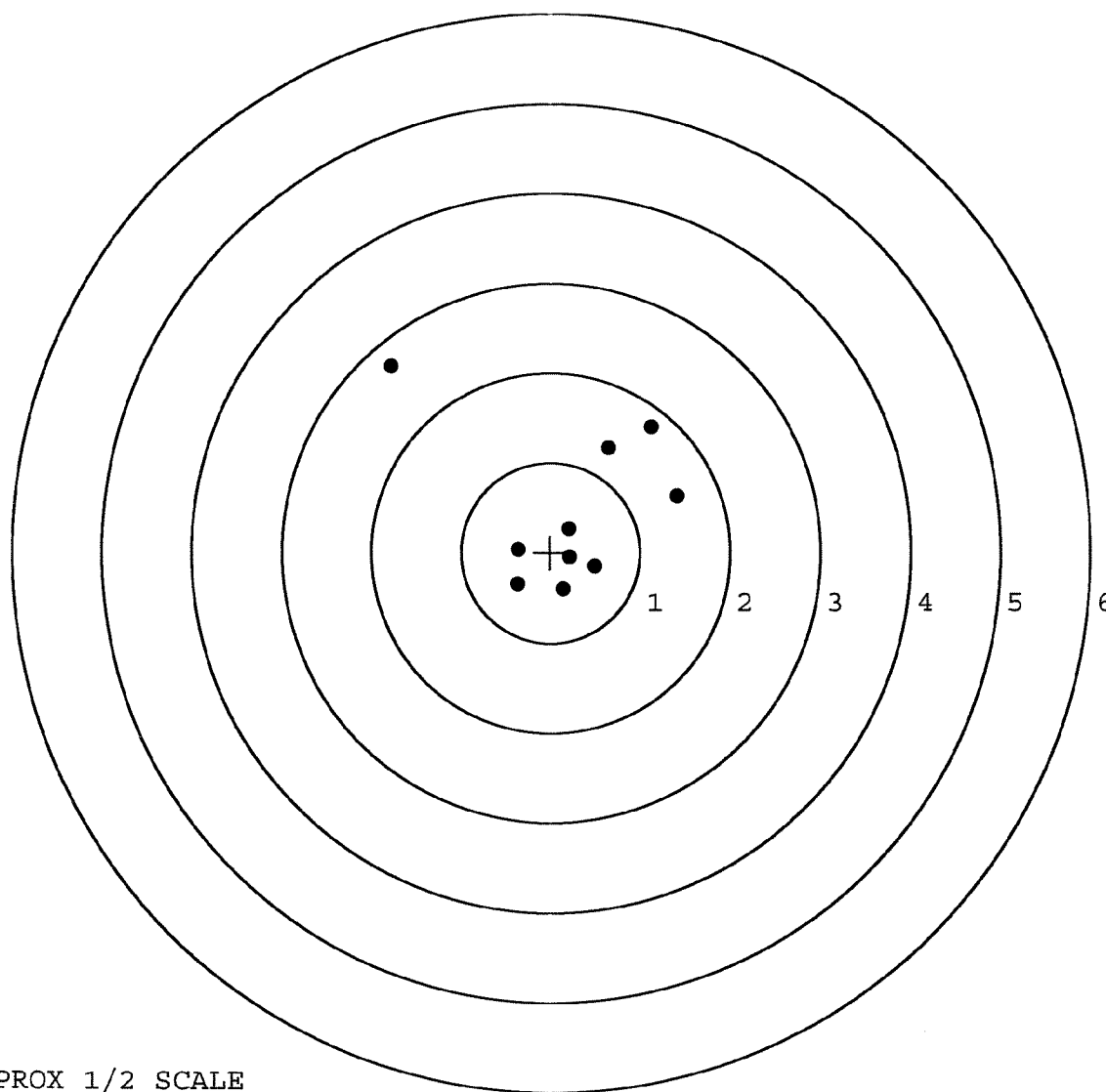
MAX RADIUS: 2.538

MEAN RADIUS: 0.990

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

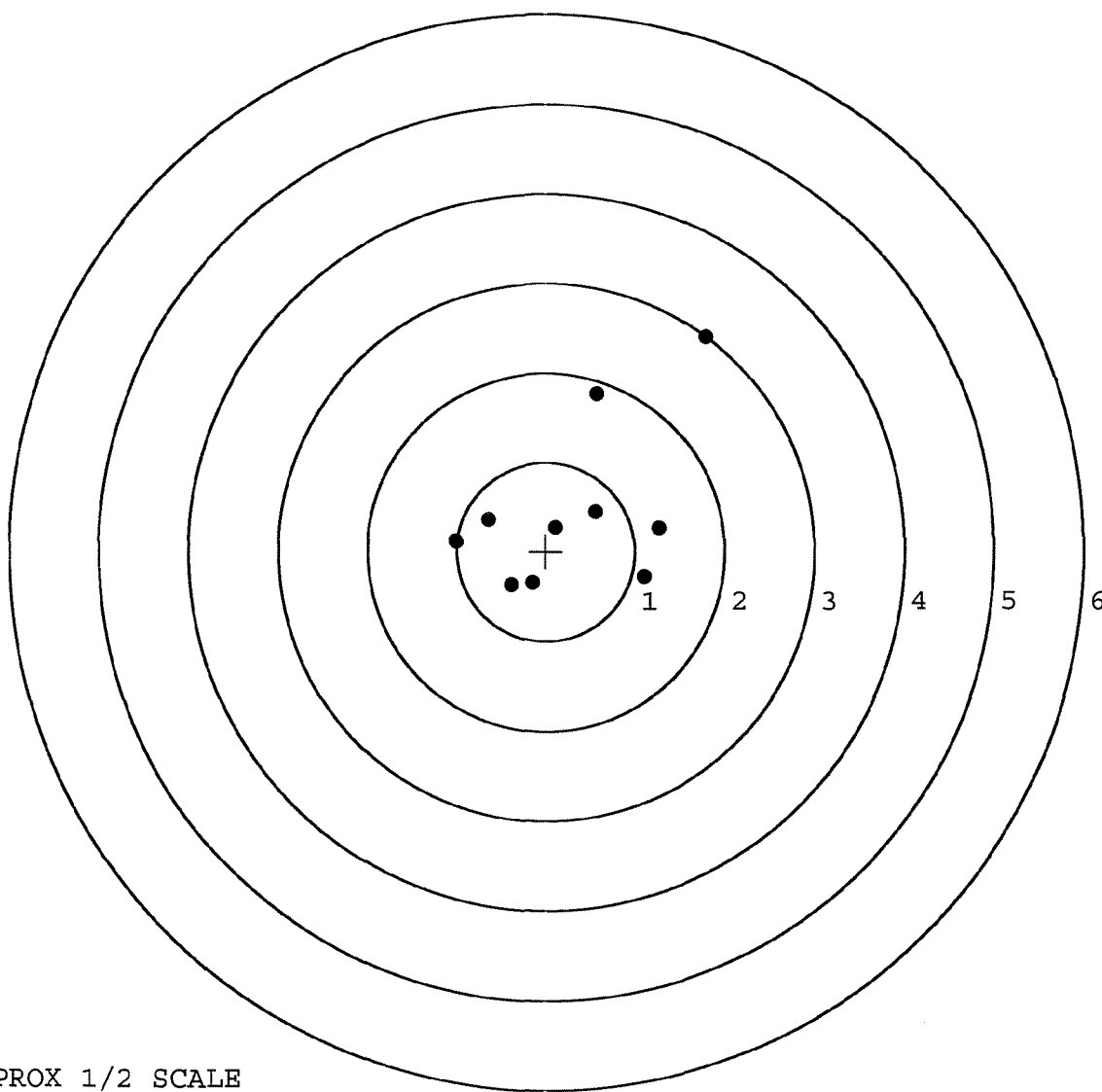


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864.___0
TARGET NUMBER: 5
FILE DATE: 06/06/2005
FILE TIME: 07:00

POINT#	X	Y
1:	1.104	-0.286
2:	1.272	0.266
3:	0.564	0.441
4:	0.118	0.266
5:	-0.150	-0.356
6:	-0.393	-0.374
7:	-0.642	0.360
8:	-1.012	0.111
9:	0.570	1.769
10:	1.790	2.397

X CENTROID: 0.322
Y CENTROID: 0.459
POA TO CENTROID: 0.561
HORZ SPREAD: 2.802
VERT SPREAD: 2.771
GROUP SPREAD: 3.616
MIN RADIUS: 0.243
MAX RADIUS: 2.431
MEAN RADIUS: 1.073
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92939		
SERIAL NUMBER	C6348864		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-25-05	RT
560 A	RE-BARREL	5-3-05	RT
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RT
600	PROOF	5-4-05	AC
605	CHECK HEADSPACE	5-4-05	AC
610	DIS-ASSEMBLE GUN	5-6-05	RT
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	WJ
625 A	FINAL ASSEMBLY	6-2-05	RT
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-8-05	AC
D	SAFETY "OFF" FORCE	6-8-05	AC
E	FIRING PIN INDENT	6-8-05	AC
640	TARGET	6-6-05	TRW
655	FINAL INSPECT	6-8-05	AC
660	PACK	7-8-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18085INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope S/N 91 0115

DATE RECEIVED
06/09/94 DATE OPENED
06/09/94 DATE CODESERIAL NUMBER
C6348864

NEW SERIAL NUMBER

MODEL AND GRADE
700 7-62

NATO

ACCESSORIES SLING STRAP SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 C.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐
- NEW
-
- ☐
- LIGHTLY WORN
-
- ☐
- WORN
-
- ☐
- VERY WORN
-
- ☐
- UNREPAIRABLE
-
- ☐
- MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel
✓ Trigger Assy
✓ Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

5/17/96

5/17/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400040122

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348864

DATE 5-17-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.36	2.32		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.47	2.43		
PULL #3	2.44	2.40	2.38		
PULL #4	2.30	2.39	2.44		
PULL #5	2.49	2.43	2.38		
TOTAL	1209	1205	1195		
AVG.	2.41	2.41	2.39		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.08		
PULL #2	3.24	3.13		
PULL #3	3.20	3.02		
PULL #4	3.17	3.06		
PULL #5	3.25	3.21		
TOTAL	1602	1550		
AVG.	3.20	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.27		4.18
PULL #2	4.29	4.42		4.22
PULL #3	4.12	4.40		4.27
PULL #4	4.37	4.44		4.28
PULL #5	4.26	4.41		4.23
TOTAL	2133	2194		2118
AVG.	4.26	4.38		4.23

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348864
19 Mar 1988

CENTROIDAL DISTANCES

0 TO	1	.216924
1 TO	2	.221964
1 TO	3	.511118
1 TO	4	.616112
1 TO	5	.286575

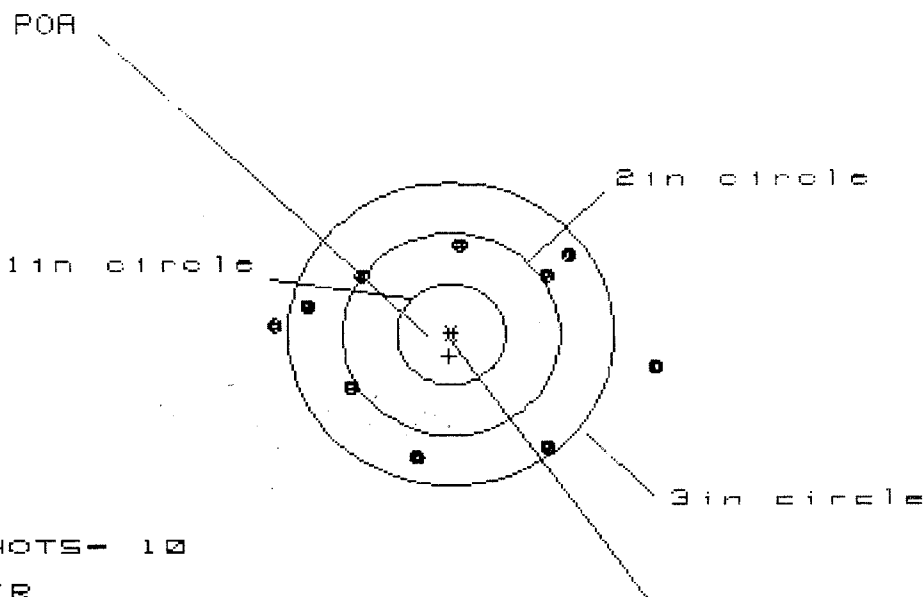
+33 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .486587
THE AMR FOR THIS RIFLE IS: 1.126

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 3.527

VS= 2.089

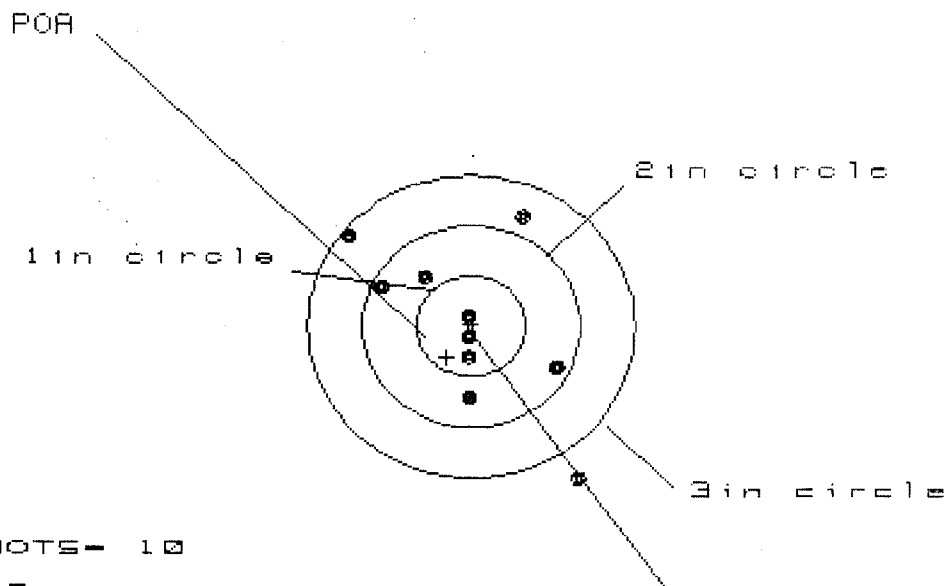
GS= 3.558

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.928	1.331	1.158
MINIMUM X	-1.599	-1.385	-1.271
MAXIMUM Y	.882	.843	.853
MINIMUM Y	-1.207	-1.246	-1.236
CENTROID X	.020	-.194	-.021
CENTROID Y	.216	.255	.245
POA TO CENTROID in.	.217	.320	.246
MIN RADIUS	.885	.792	.861
MEAN RADIUS	1.300	1.196	1.175
MAX RADIUS	1.959	1.621	1.496
HORIZONTAL SPREAD	3.527	2.716	2.429
VERTICAL SPREAD	2.089	2.089	2.089
EXTREME SPREAD	3.558	2.811	2.623
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	8		

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 9

HS= 2.135

VS= 2.572

GS= 3.168

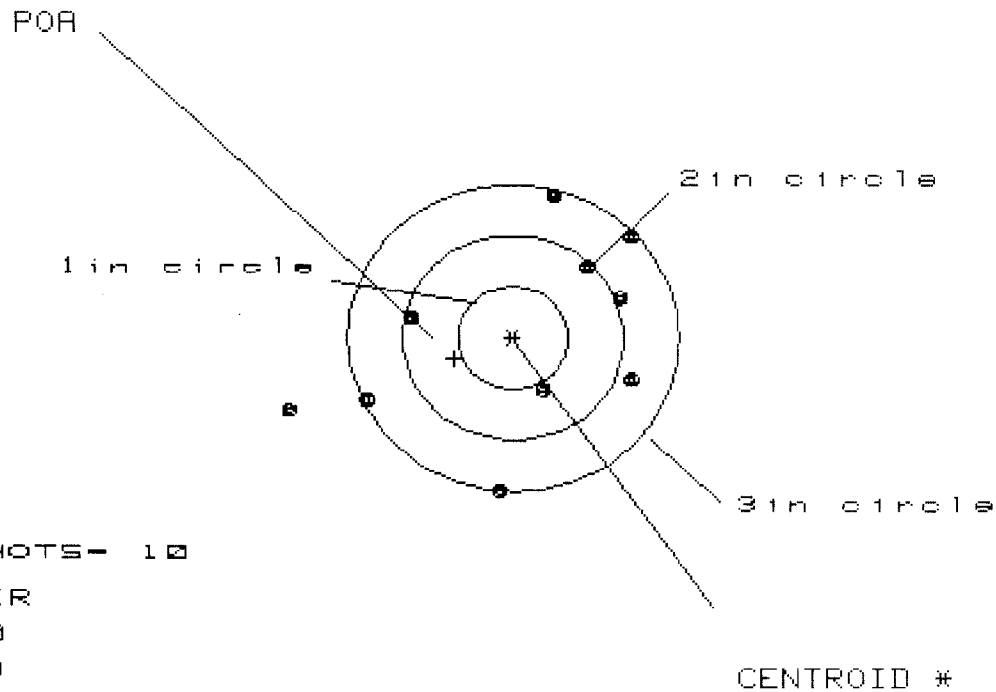
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	.941	.817
MINIMUM X	:	-1.109	-.995	-.792
MAXIMUM Y	:	1.105	.942	1.031
MINIMUM Y	:	-1.467	-.879	-.790
CENTROID X	:	.222	.108	.232
CENTROID Y	:	.308	.471	.382
POA TO CENTROID in.	:	.380	.483	.447
MIN RADIUS	:	.077	.095	.058
MEAN RADIUS	:	.802	.695	.608
MAX RADIUS	:	1.790	1.222	1.143
HORIZONTAL SPREAD	:	2.135	1.936	1.609
VERTICAL SPREAD	:	2.572	1.821	1.821
EXTREME SPREAD	:	3.168	2.310	1.890
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 3.195

VS= 2.873

GS= 3.649

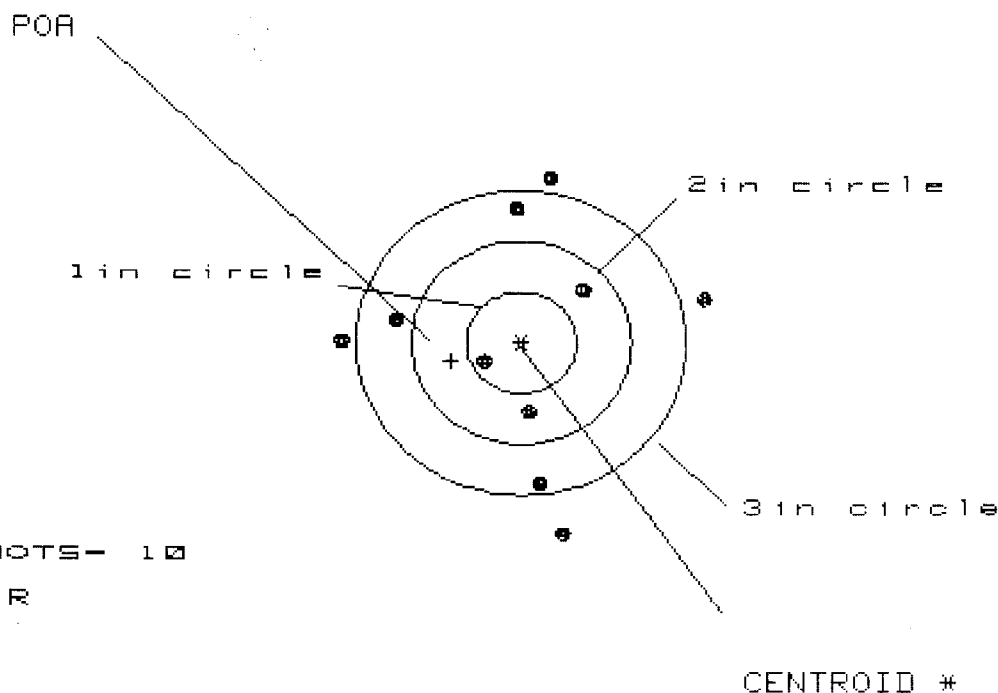
PATTERN # 3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.115	.884	.982
MINIMUM X	-2.088	-1.554	-1.444
MAXIMUM Y	1.411	1.330	1.449
MINIMUM Y	-1.462	-1.543	-1.424
CENTROID X	.531	.762	.652
CENTROID Y	.205	.286	.167
POA TO CENTROID in.	.569	.814	.673
MIN RADIUS	.592	.609	.511
MEAN RADIUS	1.286	1.142	1.125
MAX RADIUS	2.204	1.708	1.559
HORIZONTAL SPREAD	3.195	2.438	2.426
VERTICAL SPREAD	2.873	2.873	2.873
EXTREME SPREAD	3.649	2.950	2.929
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CG348864

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.313

VS= 3.520

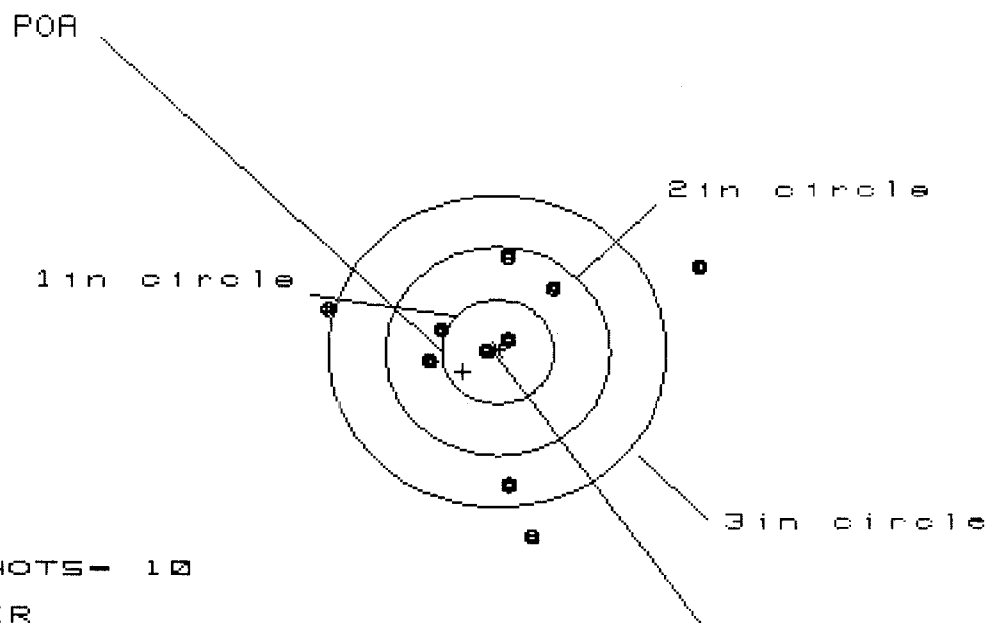
GS= 3.522

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.703	1.744	.804
MINIMUM X	-1.610	-1.569	-1.351
MAXIMUM Y	1.641	1.433	1.456
MINIMUM Y	-1.879	-1.606	-1.583
CENTROID X	.635	.594	.376
CENTROID Y	.179	.387	.364
POA TO CENTROID in.	.660	.709	.523
MIN RADIUS	.378	.500	.400
MEAN RADIUS	1.262	1.186	1.094
MAX RADIUS	1.915	1.754	1.642
HORIZONTAL SPREAD	3.313	3.313	2.155
VERTICAL SPREAD	3.520	3.039	3.039
EXTREME SPREAD	3.522	3.334	3.040
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

18 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.330

VS= 2.670

GS= 3.358

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.833	.671	.728
MINIMUM X	:	-1.497	-1.294	-1.238
MAXIMUM Y	:	.893	.987	.777
MINIMUM Y	:	-1.777	-1.683	-1.365
CENTROID X	:	.305	.102	.045
CENTROID Y	:	.186	.092	.302
POA TO CENTROID in.	:	.358	.137	.305
MIN RADIUS	:	.149	.163	.131
MEAN RADIUS	:	.981	.860	.704
MAX RADIUS	:	2.020	1.742	1.410
HORIZONTAL SPREAD	:	3.330	1.965	1.965
VERTICAL SPREAD	:	2.670	2.670	2.142
EXTREME SPREAD	:	3.358	2.800	2.300
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348864

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 and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	5	5			5/29/96	K
	G) Safety Off Force	4	4	4			5/29/96	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.39	2.42	2.45	2.47	2.48	3/29/96	WB
	C) Function							
660	Pack							

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

Remington®

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.

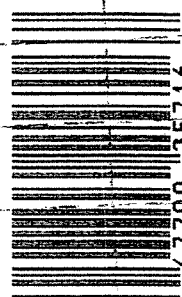
SERIAL NO.
C6C48864

ORDER NO.
5716



5716; C6C48864

LIPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348864

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		8/31/89	B.S.
7	Drill and Tap Sight Holes	9 1	89	
618	Polish Barrel <i>AB</i>	9 1	89	ET
620	Apply Coatings (Barrel Action)		9-7-89	TSA
	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	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/26/89	JD
	G) Safety Off Force	3	3	3			9/26/89	JD
	H) Trigger Pull Test & Retainability						26 Sep 89	JD
	I) Firing Pin Indent	.020	.020	.020			9/26/89	JD
	J) Assemble Stock						9/27/89	RW
	K) Assemble Swivel Studs						29 Sep 89	JD
	L) Attach Front and Rear Sight Assemblies						9/27/89	RW
	M) Iron Sight Alignment						9/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						9/27/89	RW
	O) Attach Scope to Rifle						9/27/89	JD
	P) Detach & Attach Scope 20 Times						9/27/89	JD
640	Gallery Target & Test						9-28-89	AC
	A) Time						9-28-89	AC
	B) Malfunctions						9-28-89	AC
	C) Pierced Primers						9-28-89	AC
	D) Optical Clarity of Scope						9-28-89	AC
645	Inspect for Live Ammo						9-28-89	AC
655	Final Inspection						29 Sep 89	JD
	A) Headspace						29 Sep 89	JD
	B) Trigger Pull	246	239	243	244	251	29 Sep 89	JD
	C) Function						29 Sep 89	JD
660	Pack						15 Dec 89	JD

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06348864

DATE 12 Mar 90

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.35		2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.32		2.13	
PULL #3	2.56	2.21		2.22	
PULL #4	2.48	2.27		2.20	
PULL #5	2.46	2.36		2.18	
TOTAL	12.87	11.48			
AVG.	2.574	2.296			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.28		
PULL #2	3.41	3.28		
PULL #3	3.38	3.30		
PULL #4	3.32	3.31		
PULL #5	3.35	3.30		
TOTAL	16.97	16.47		
AVG.	3.394	3.294		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	3.99		
PULL #2	4.03	3.85		
PULL #3	3.81	3.92		
PULL #4	4.03	3.93		
PULL #5	4.00	3.93		
TOTAL	19.95	19.72		
AVG.	3.99	3.944		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348864
28 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.603841
1 TO	2	.247718
1 TO	3	.103812
1 TO	4	.466039
1 TO	5	.294552

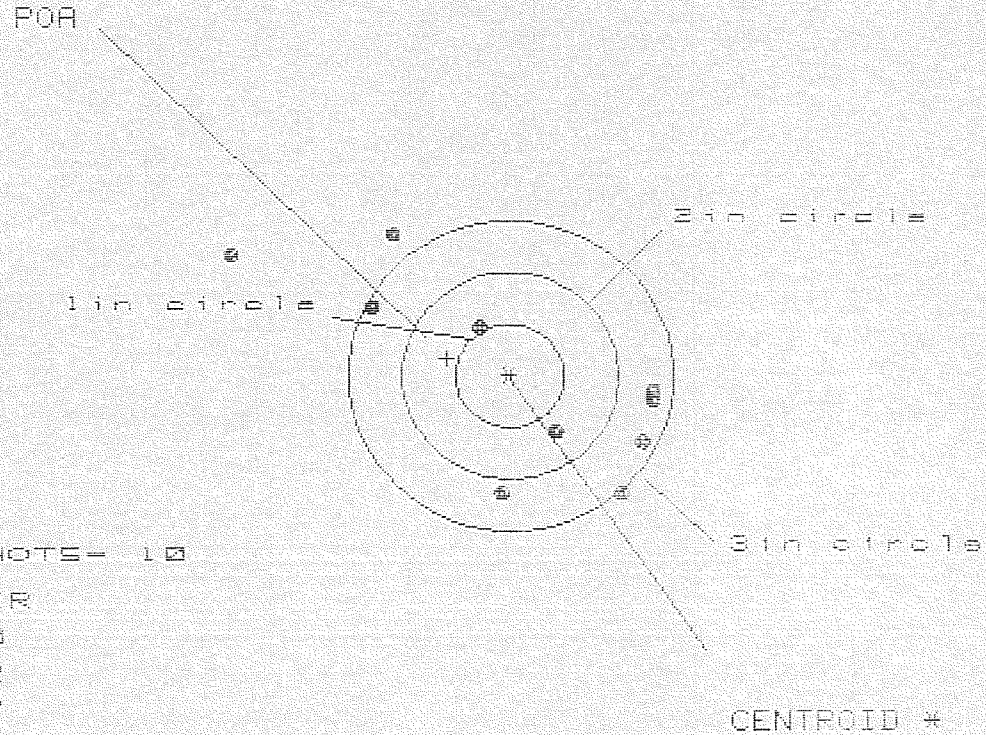
452 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .497984
THE AMR FOR THIS RIFLE IS: 1.099

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06948864

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 2

3in = 7

HS= 3.956

VS= 2.492

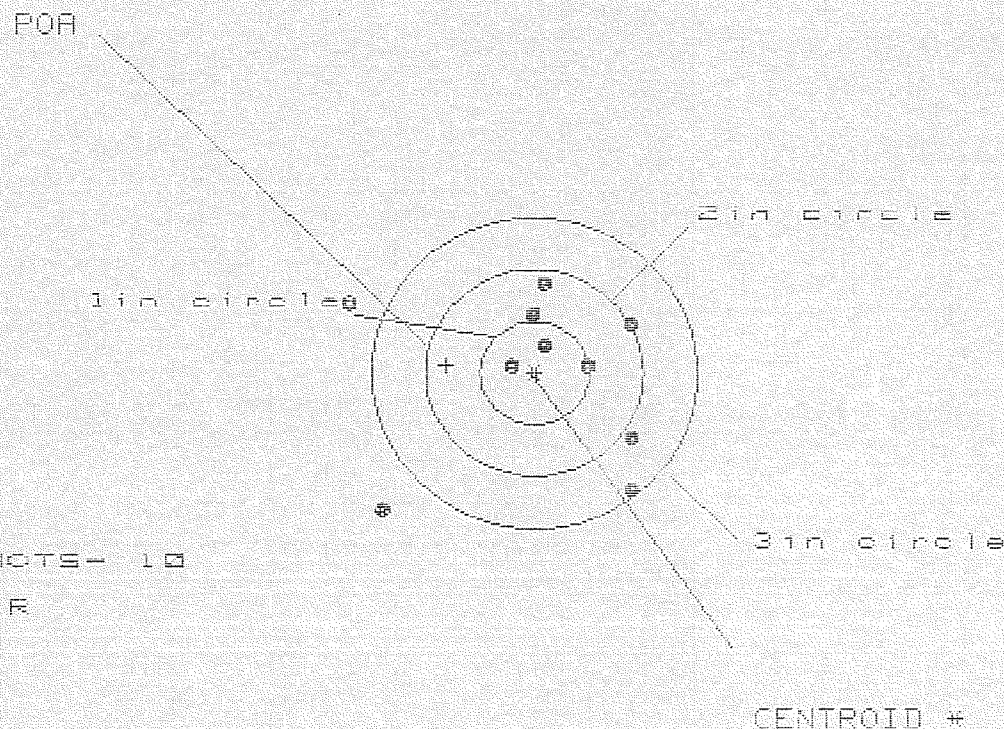
GS= 4.346

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	1.035	.866
MINIMUM X	:	-2.629	-1.581	-1.750
MAXIMUM Y	:	1.356	1.489	1.032
MINIMUM Y	:	-1.136	-1.003	-.817
CENTROID X	:	.580	.872	1.041
CENTROID Y	:	-.168	-.301	-.487
POA TO CENTROID in.	:	.604	.922	1.150
MIN RADIUS	:	.552	.369	.192
MEAN RADIUS	:	1.401	1.165	.986
MAX RADIUS	:	2.888	2.015	2.032
HORIZONTAL SPREAD	:	3.956	2.616	2.616
VERTICAL SPREAD	:	2.492	2.492	1.849
EXTREME SPREAD	:	4.346	3.249	2.968
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			2	
NUMBER IN THREE INCH CIRCLE =			7	

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348864

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.615

VS= 2.176

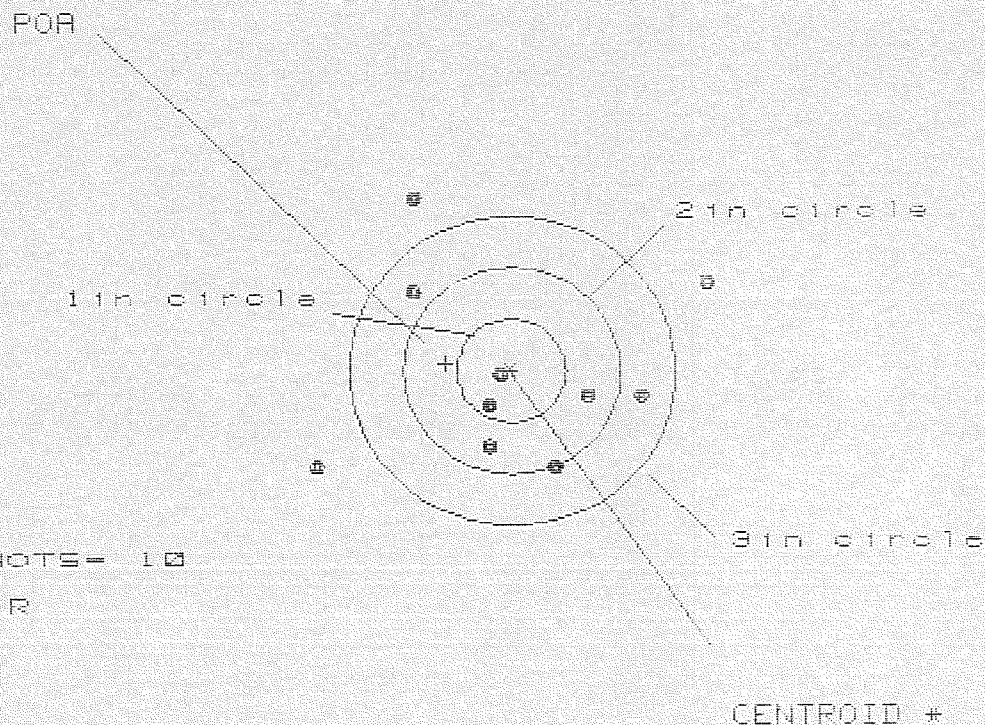
GS= 3.129

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.771	.540
MINIMUM X	:	-1.688	-1.844	-1.587
MAXIMUM Y	:	.860	.714	.782
MINIMUM Y	:	-1.316	-1.252	-1.184
CENTROID X	:	.810	.966	1.197
CENTROID Y	:	-.076	.070	.002
POA TO CENTROID in.	:	.813	.969	1.197
MIN RADIUS	:	.207	.132	.064
MEAN RADIUS	:	.969	.806	.661
MAX RADIUS	:	1.928	1.924	1.279
HORIZONTAL SPREAD	:	2.615	2.615	1.127
VERTICAL SPREAD	:	2.176	1.966	1.966
EXTREME SPREAD	:	3.129	3.129	2.100
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/08340864

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.640

VS= 2.557

GS= 4.027

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.841	1.449	1.250
MINIMUM X	:	-1.799	-1.595	-1.925
MAXIMUM Y	:	1.659	1.751	1.650
MINIMUM Y	:	-1.893	-1.806	-1.892
CENTROID X	:	.604	.400	.599
CENTROID Y	:	-.067	-.159	-.058
POA TO CENTROID in.	:	.608	.430	.602
MIN RADIUS	:	.161	.064	.160
MEAN RADIUS	:	1.136	1.006	.919
MAX RADIUS	:	2.017	1.895	1.892
HORIZONTAL SPREAD	:	3.640	3.044	2.175
VERTICAL SPREAD	:	2.557	2.557	2.542
EXTREME SPREAD	:	4.027	3.124	2.868
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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FILE:/PATTERNING/CENTERFIRE_PATT/08946864

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.625

VS= 1.629

GS= 3.005

CENTROID #

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.291

1.143

.845

MINIMUM X

:

-1.335

-1.132

-.989

MAXIMUM Y

:

1.084

1.069

1.037

MINIMUM Y

:

-.545

-.424

-.456

CENTROID X

:

.114

.262

.119

CENTROID Y

:

-.162

-.283

-.251

POA TO CENTROID in.

:

.198

.386

.278

MIN RADIUS

:

.354

.471

.335

MEAN RADIUS

:

.920

.809

.753

MAX RADIUS

:

1.720

1.199

1.077

HORIZONTAL SPREAD

:

2.626

2.275

1.934

VERTICAL SPREAD

:

1.629

1.493

1.493

EXTREME SPREAD

:

3.005

2.279

1.929

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

7

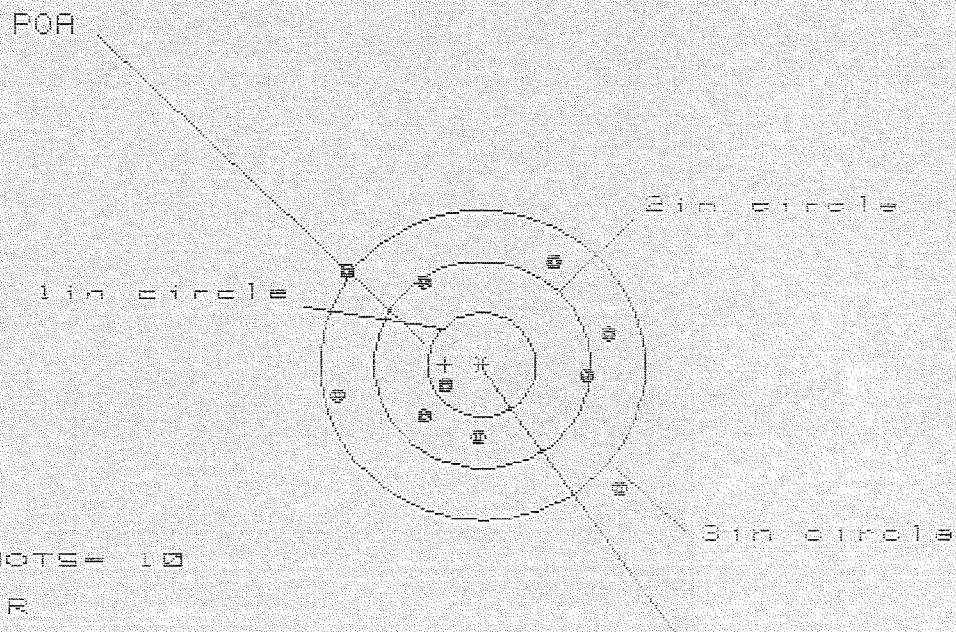
NUMBER IN THREE INCH CIRCLE =

9

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05348864

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.642

VS = 2.147

GS = 3.215

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	1.268	1.133
MINIMUM X	:	-1.366	-1.224	-1.359
MAXIMUM Y	:	.998	.861	.955
MINIMUM Y	:	-1.157	-.828	-.734
CENTROID X	:	.336	.194	.329
CENTROID Y	:	-.003	.126	.032
POA TO CENTROID in.	:	.336	.232	.330
MIN RADIUS	:	.389	.378	.402
MEAN RADIUS	:	1.070	.987	.937
MAX RADIUS	:	1.722	1.312	1.410
HORIZONTAL SPREAD	:	2.642	2.492	2.492
VERTICAL SPREAD	:	2.147	1.689	1.689
EXTREME SPREAD	:	3.215	2.584	2.584
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	