

C6348997

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

Repair Inquiry

Repair Number: RE00124288

Serial: C6348997 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Status: Closed 1/26/2007 12:06:33 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: PR0007 IN BN 03 HHC MVR HWY UA

PR0007 IN BN 03 HHC MVR HWY UA

Address 1: 1624 W 6 ST

1624 W 6 ST

Address 2: BLDG 2916

PO Box:

BLDG 2916

PO Box:

City: FORT STEWART

FORT STEWART

State: GA

Zip Code: 31314

Country: US

State: GA

Zip Code: 31314

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2

Repair Search

Refresh

Close

naglej

1/26/2007

12:37 PM

CAPS

NUM

INS

SCRL



12:37 PM

Serial Number: C6348997

Model: M24 SWS



RE00124288

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348997.___0
FILE DATE AND TIME: 03/06/2007 11:32

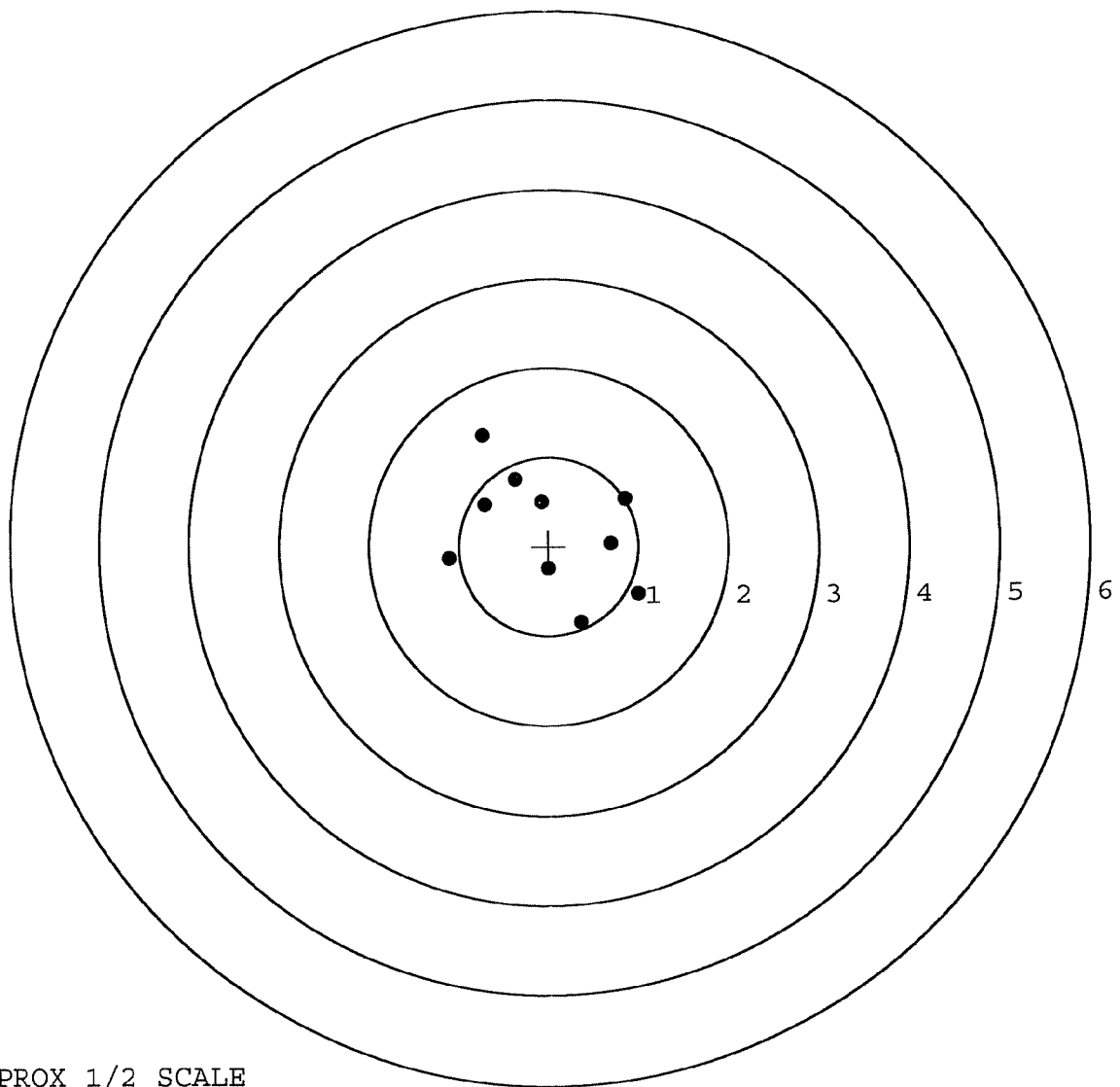
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.015
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.027
The Average Mean Radius of the Five Target Set:	0.870
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.271
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.173
The Distance from Centroid Target #5 to Centroid Target #1:	0.365

SERIAL NUMBER: C6348997. __0
TARGET NUMBER: 1
FILE DATE: 03/06/2007
FILE TIME: 11:32

POINT#	X	Y
1:	-0.728	1.241
2:	-0.370	0.752
3:	-0.712	0.468
4:	-0.078	0.495
5:	-1.109	-0.131
6:	-0.003	-0.252
7:	0.696	0.033
8:	0.854	0.532
9:	0.363	-0.855
10:	0.995	-0.534

X CENTROID: -0.009
Y CENTROID: 0.175
POA TO CENTROID: 0.175
HORZ SPREAD: 2.104
VERT SPREAD: 2.096
GROUP SPREAD: 2.474
MIN RADIUS: 0.327
MAX RADIUS: 1.286
MEAN RADIUS: 0.860
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348997. __0

TARGET NUMBER: 2

FILE DATE: 03/06/2007

FILE TIME: 11:32

POINT#	X	Y
1:	0.417	1.265
2:	0.295	0.447
3:	0.753	-0.054
4:	0.596	-0.265
5:	0.311	-0.396
6:	-0.097	-0.583
7:	-0.195	-0.336
8:	-0.434	0.199
9:	-1.060	0.455
10:	-0.111	-1.632

X CENTROID: 0.048

Y CENTROID: -0.090

POA TO CENTROID: 0.102

HORZ SPREAD: 1.813

VERT SPREAD: 2.897

GROUP SPREAD: 2.945

MIN RADIUS: 0.345

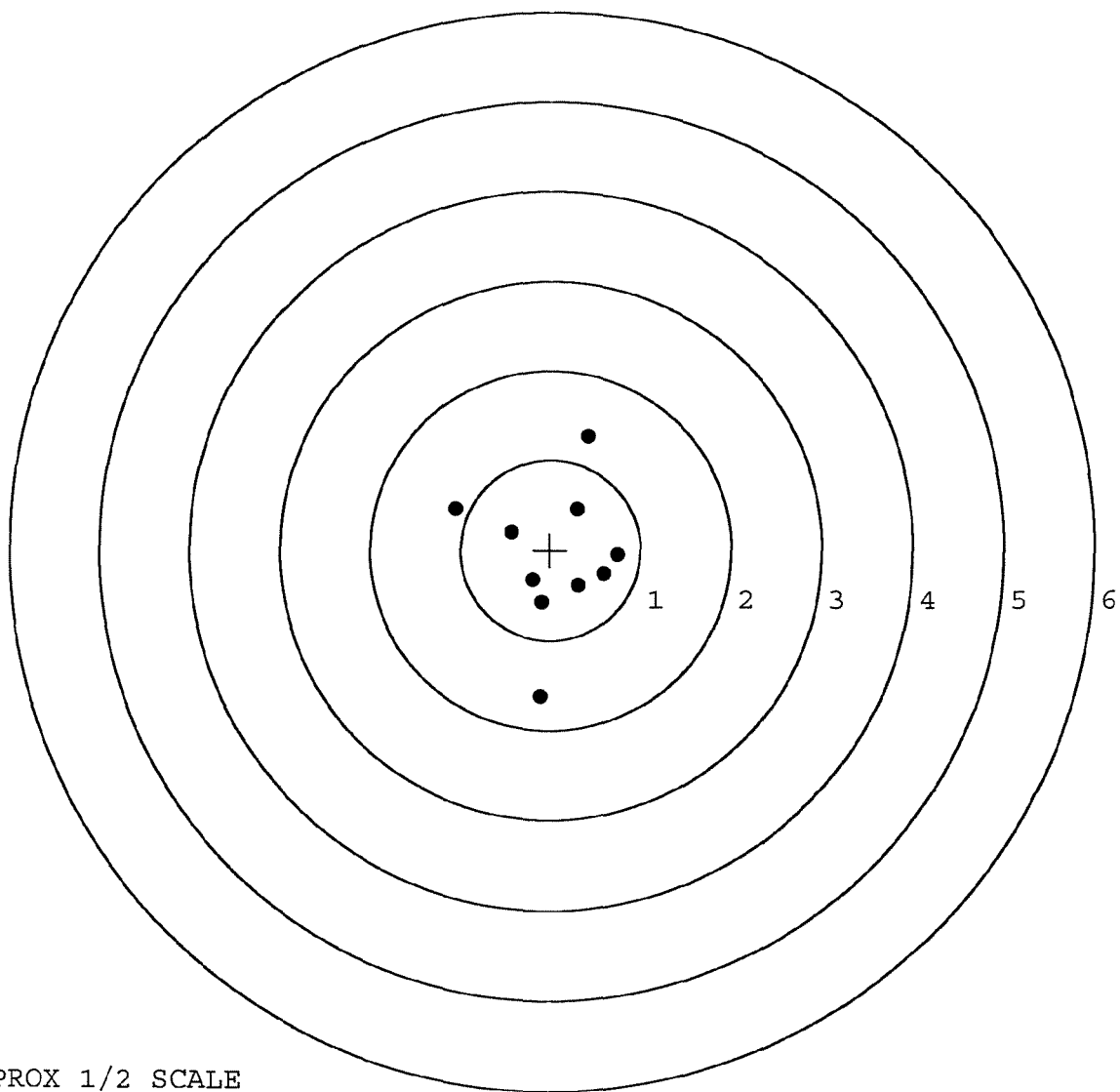
MAX RADIUS: 1.550

MEAN RADIUS: 0.789

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

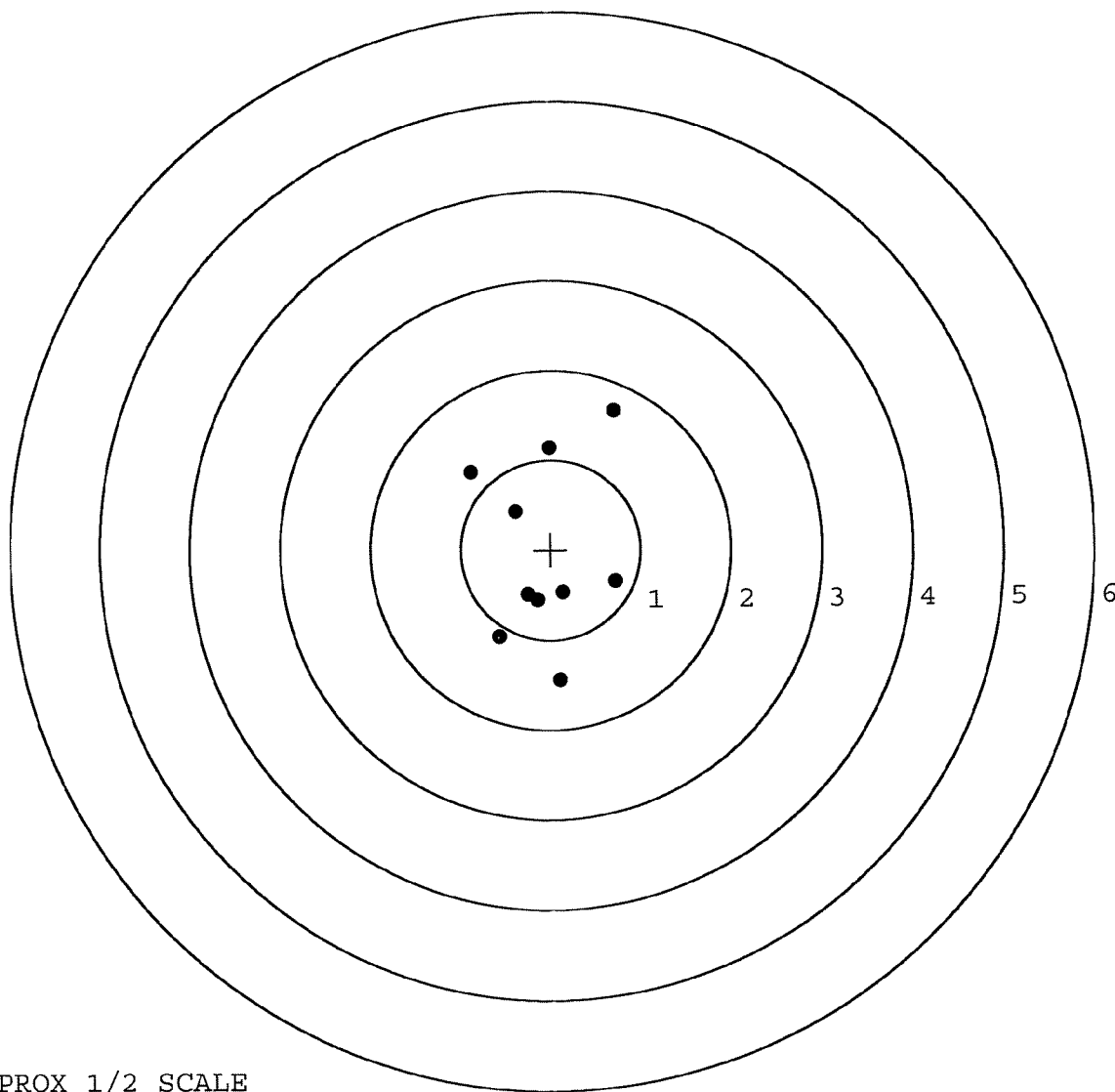


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348997. __0
TARGET NUMBER: 3
FILE DATE: 03/06/2007
FILE TIME: 11:32

POINT#	X	Y
1:	0.720	1.541
2:	-0.011	1.138
3:	-0.886	0.868
4:	-0.390	0.424
5:	0.725	-0.357
6:	0.139	-0.474
7:	-0.255	-0.495
8:	-0.574	-0.961
9:	0.106	-1.447
10:	-0.153	-0.558

X CENTROID: -0.058
Y CENTROID: -0.032
POA TO CENTROID: 0.066
HORZ SPREAD: 1.611
VERT SPREAD: 2.988
GROUP SPREAD: 3.050
MIN RADIUS: 0.484
MAX RADIUS: 1.755
MEAN RADIUS: 0.957
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348997. __ 0

TARGET NUMBER: 4

FILE DATE: 03/06/2007

FILE TIME: 11:32

POINT#	X	Y
1:	1.094	-0.057
2:	0.404	-0.027
3:	0.360	0.220
4:	-0.170	-0.071
5:	-0.339	0.200
6:	-0.688	-1.211
7:	-0.503	-0.690
8:	0.132	-0.844
9:	-0.114	1.089
10:	-0.447	1.417

X CENTROID: -0.027

Y CENTROID: 0.003

POA TO CENTROID: 0.027

HORZ SPREAD: 1.782

VERT SPREAD: 2.628

GROUP SPREAD: 2.639

MIN RADIUS: 0.161

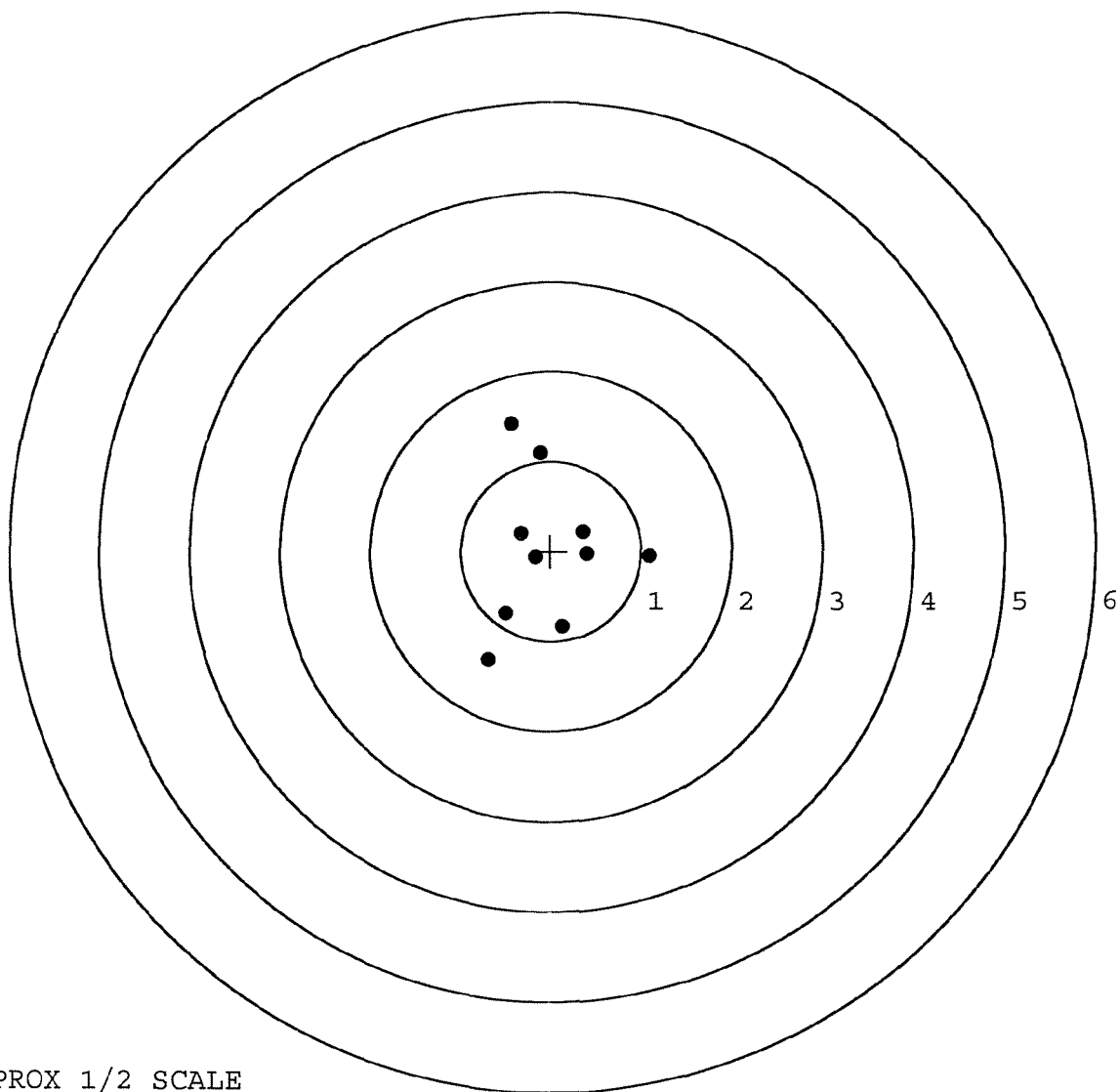
MAX RADIUS: 1.475

MEAN RADIUS: 0.818

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348997. __ 0

TARGET NUMBER: 5

FILE DATE: 03/06/2007

FILE TIME: 11:32

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

1:	0.016	0.029
----	-------	-------

2:	-0.119	-0.226
----	--------	--------

3:	0.191	-0.241
----	-------	--------

4:	-0.243	-0.516
----	--------	--------

5:	-0.427	-0.865
----	--------	--------

6:	-0.423	-1.599
----	--------	--------

7:	0.859	-1.526
----	-------	--------

8:	0.691	0.468
----	-------	-------

9:	0.795	1.070
----	-------	-------

10:	-0.100	1.759
-----	--------	-------

X CENTROID: 0.124

Y CENTROID: -0.165

POA TO CENTROID: 0.206

HORZ SPREAD: 1.286

VERT SPREAD: 3.358

GROUP SPREAD: 3.422

MIN RADIUS: 0.102

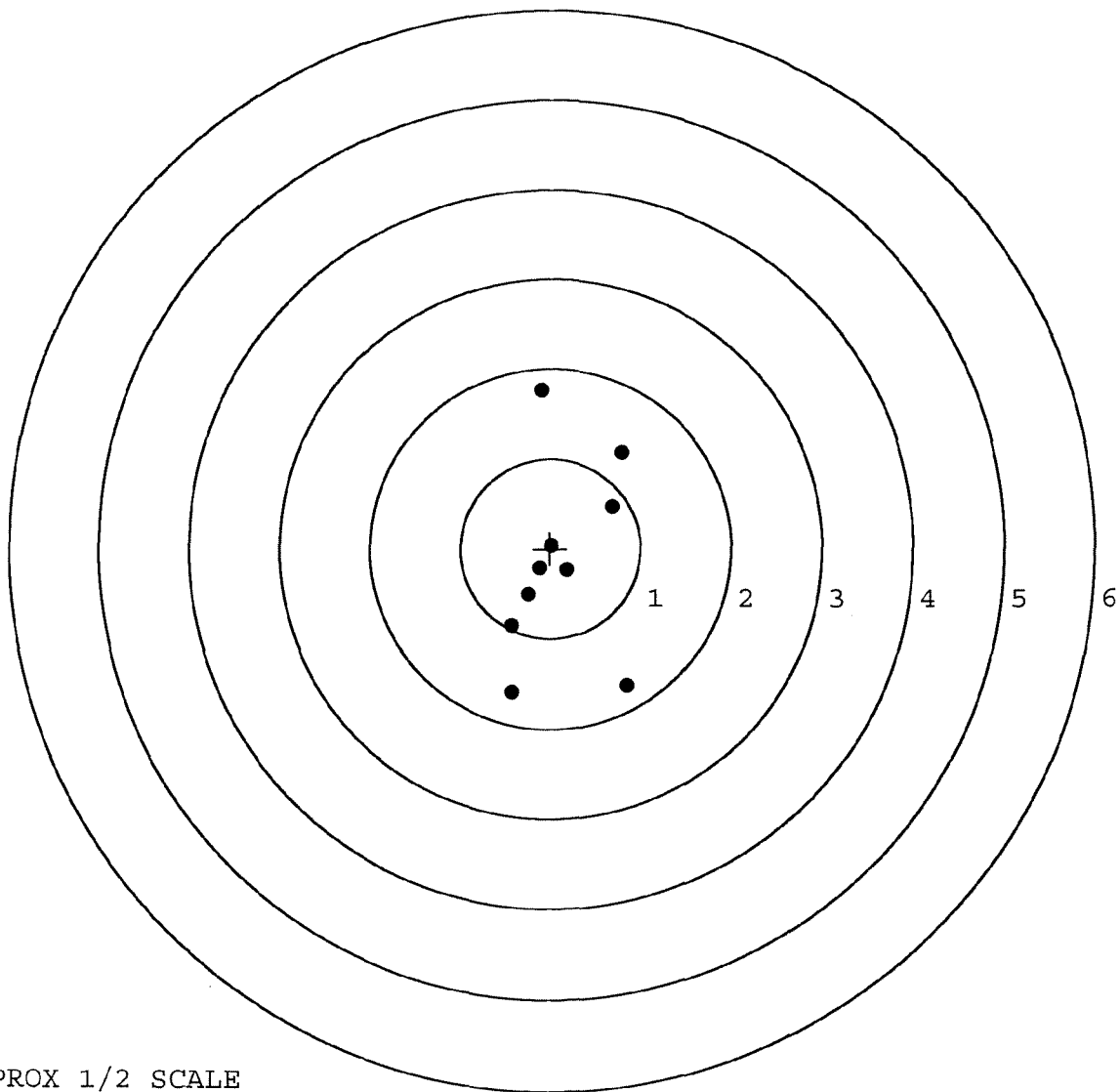
MAX RADIUS: 1.937

MEAN RADIUS: 0.925

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	124288				
SERIAL NUMBER	C6348997				
LOG-IN DATE	1-26-07				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		2-2-07	RTZ	
505	RE-BARREL		2-7-07	RTZ	
420	ASSEMBLE		2-7-07	RTZ	
440	PROOF		2-7-07	Fm	
460	CHECK HEADSPACE	INSPECTED	2-7-07	Fm	
470	DIS-ASSEMBLE GUN	FEB 13 2007	2-7-07	RTZ	
480	MAGNAFLUX	OPERATOR CPD	2-13-07	APD	
510	DRILL AND TAP		2-12-07	TRW	
500	ROLLMARK CALIBER		2-13-07	CW	
520	GOFF BLAST BBL / REC		2-13-07	LB	
530 & 540	APPLY COATINGS		2-19-07	WJ	
560	FINAL ASSEMBLY		3-5-07	RTZ	
640	FUNCTION TEST AND	PASS	3-5-07	non	
650	TARGET	PASS	3-5-07	non	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		3/6/07	non	
	A) HEADSPACE	PASS	3/6/07	non	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.57 2.55 2.54 2.32 2.43 3/6/07	non	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 4.5 4.5 3/6/07	non	
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 3/6/07	non	
	I) FIRING PIN INDENT	.020	.024 .024 .024 3/6/07	non	
690	PACK		3/10/07	DD	

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Remington®

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

DU PONT

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

MODEL 700™ H24

SERIAL NO. C6348997

ORDER NO. 5716

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

Ø1



5716 C6348997

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348997

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		E
607	Check Headspace	4 12 90		E
610	Dis-assemble Gun	4 12 90		RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel RB		4/24/90	WB
620	Apply Coatings (Barrel Action)		4-30-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/1/90	WB

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4 1/4	4 1/4	5/19/90	WB
	G) Safety Off Force	2	2	2	5/19/90	WB
	H) Trigger Pull Test & Retainability				5/19/90	WB
	I) Firing Pin Indent	.073	.073	.073	5/19/90	WB
	J) Assemble Stock				5/19/90	RW
	K) Assemble Swivel Studs				25 May 90	228
	L) Attach Front and Rear Sight Assemblies				5/19/90	RW
	M) Iron Sight Alignment				5/19/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/19/90	RW
	O) Attach Scope to Rifle				5/19/90	WB
	P) Detach & Attach Scope 20 Times				5/19/90	WB
640	Gallery Target & Test				5-19-90	AC
	A) Time				5-19-90	AC
	B) Malfunctions				5-19-90	AC
	C) Pierced Primers				5-19-90	AC
	D) Optical Clarity of Scope				5-19-90	AC
645	Inspect for Live Ammo				5-19-90	AC
655	Final Inspection					
	A) Headspace				25 May 90	228
	B) Trigger Pull	253	255	264	250	250
	C) Function				25 May 90	228
660	Pack				6/20/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 6348997

DATE 5/18/90

TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.16	2.10	2.53	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.23	2.16	2.55	
PULL #3	2.46	2.21	2.18	2.64	
PULL #4	2.40	2.14	2.16	2.50	
PULL #5	2.42	2.13	2.15	2.54	
TOTAL	12.18	10.87	10.75		
AVG.	2.43	2.17	2.15		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.22		
PULL #2	3.12	3.17		
PULL #3	3.11	3.20		
PULL #4	3.11	3.20		
PULL #5	3.15	3.23		
TOTAL	15.67	16.02		
AVG.	3.13	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.33		4.23
PULL #2	4.46	4.45		4.31
PULL #3	4.41	4.43		4.20
PULL #4	4.45	4.43		4.31
PULL #5	4.46	4.42		4.31
TOTAL	22.27	22.26		21.36
AVG.	4.45	4.45		4.27

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348997
21 May 1990

CENTROIDAL DISTANCES

0 TO 1	.31729
1 TO 2	.271536
1 TO 3	.826507
1 TO 4	.516643
1 TO 5	.398363

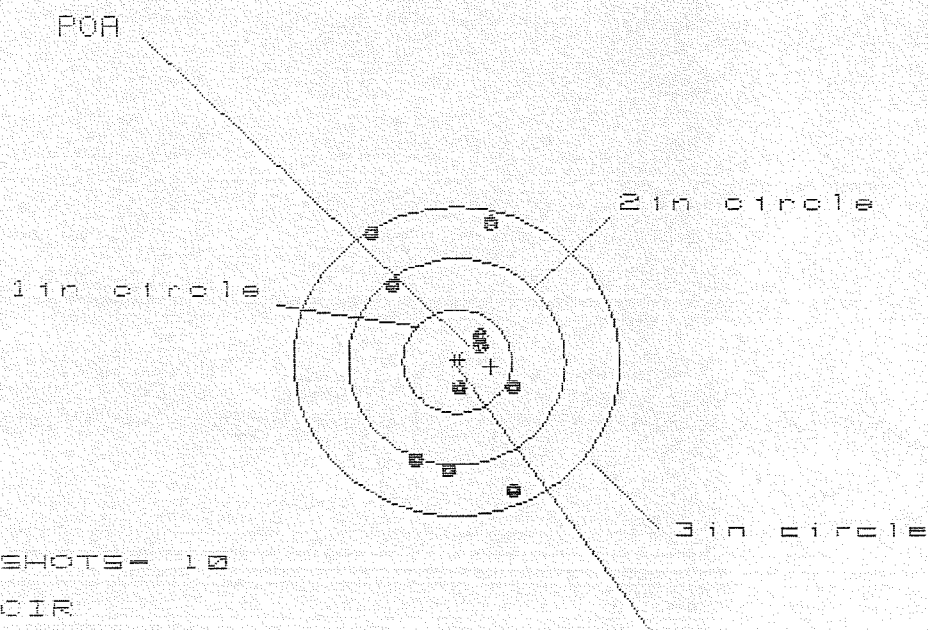
1st E (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0772
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0484
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0911175
THE AMR FOR THIS RIFLE IS: .086

21 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6346997

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 1.306

VS= 2.625

GS= 2.871

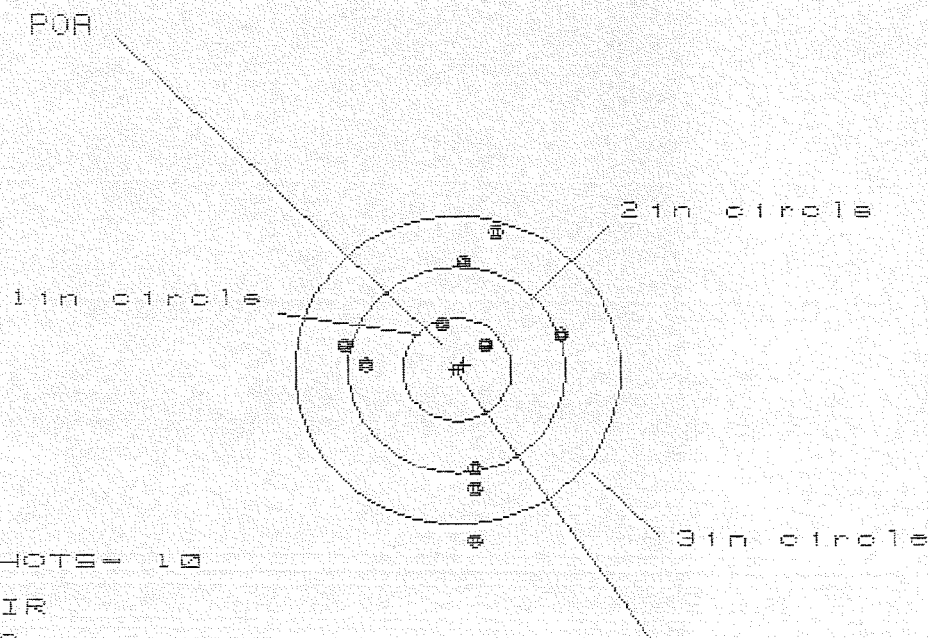
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.529	.443	.463
MINIMUM X	:	-.777	-.633	-.608
MAXIMUM Y	:	1.349	1.492	1.105
MINIMUM Y	:	-1.276	-1.133	-.946
CENTROID X	:	-.313	-.227	-.252
CENTROID Y	:	.052	-.091	-.278
POA TO CENTROID in.	:	.318	.245	.375
MIN RADIUS	:	.249	.111	.087
MEAN RADIUS	:	.880	.786	.693
MAX RADIUS	:	1.507	1.506	1.261
HORIZONTAL SPREAD	:	1.306	1.076	1.076
VERTICAL SPREAD	:	2.625	2.625	2.051
EXTREME SPREAD	:	2.871	2.634	2.306
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

21 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS346397

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 1.997

VS= 3.031

GS= 3.040

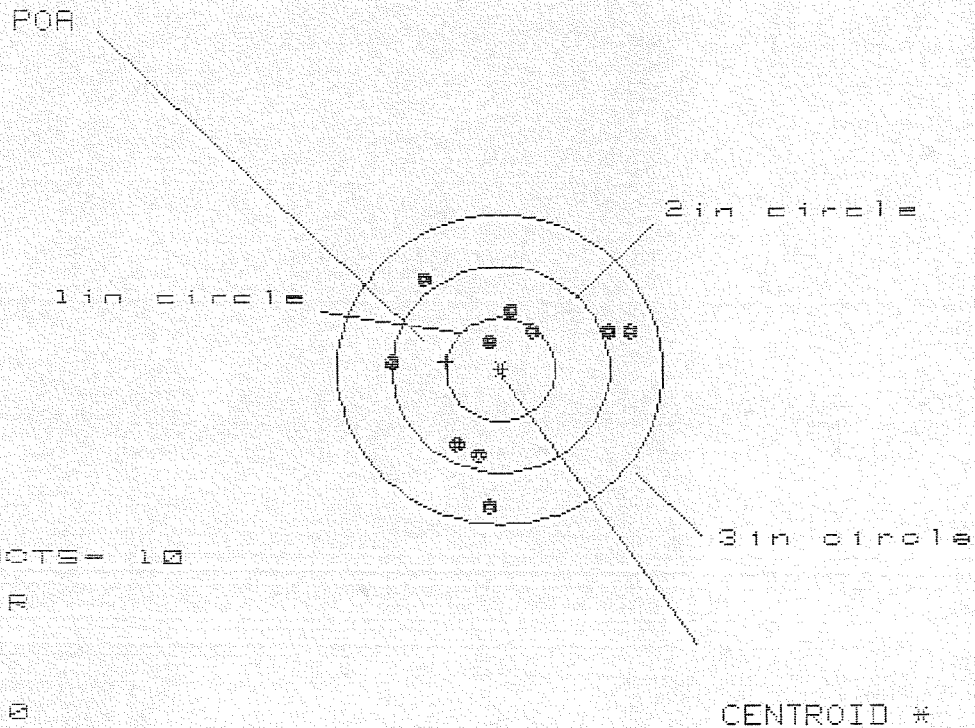
CENTROID *

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	.958	1.010
MINIMUM X	:	-1.057	-1.039	-.987
MAXIMUM Y	:	1.390	1.208	1.020
MINIMUM Y	:	-1.641	-1.356	-1.205
CENTROID X	:	-.059	-.077	-.129
CENTROID Y	:	-.044	.138	-.013
POA TO CENTROID in.	:	.074	.158	.129
MIN RADIUS	:	.362	.304	.403
MEAN RADIUS	:	1.004	.900	.863
MAX RADIUS	:	1.648	1.363	1.219
HORIZONTAL SPREAD	:	1.997	1.997	1.997
VERTICAL SPREAD	:	3.031	2.564	2.225
EXTREME SPREAD	:	3.040	2.579	2.227
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

21 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06346997

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.203

VS= 2.156

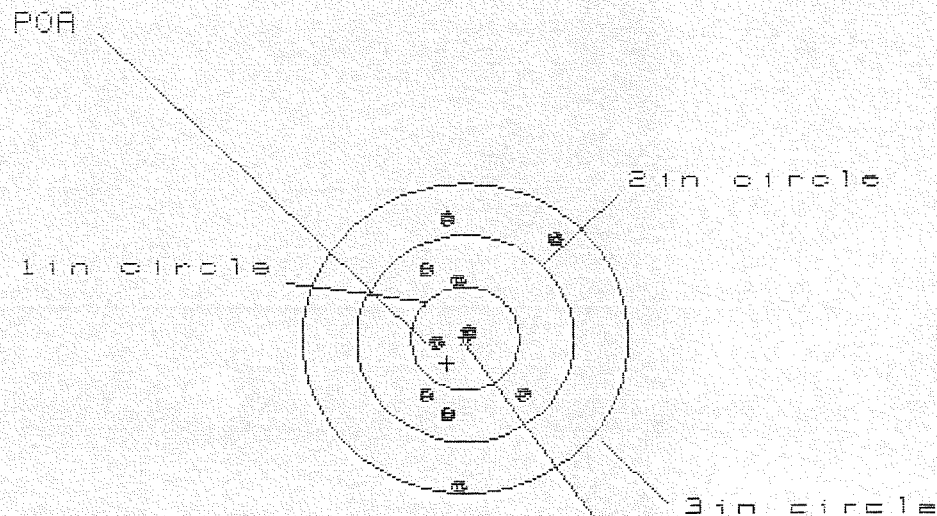
GS= 2.233

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.167	1.158	1.093
MINIMUM X	:	-1.036	-1.045	-.960
MAXIMUM Y	:	.847	.702	.728
MINIMUM Y	:	-1.309	-.961	-.935
CENTROID X	:	.504	.513	.368
CENTROID Y	:	-.073	.072	.046
POA TO CENTROID in.	:	.509	.518	.371
MIN RADIUS	:	.273	.155	.138
MEAN RADIUS	:	.863	.782	.731
MAX RADIUS	:	1.311	1.176	1.125
HORIZONTAL SPREAD	:	2.203	2.203	1.993
VERTICAL SPREAD	:	2.156	1.663	1.663
EXTREME SPREAD	:	2.233	2.222	2.019
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

21 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348997

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.224

VS= 2.581

GS= 2.587

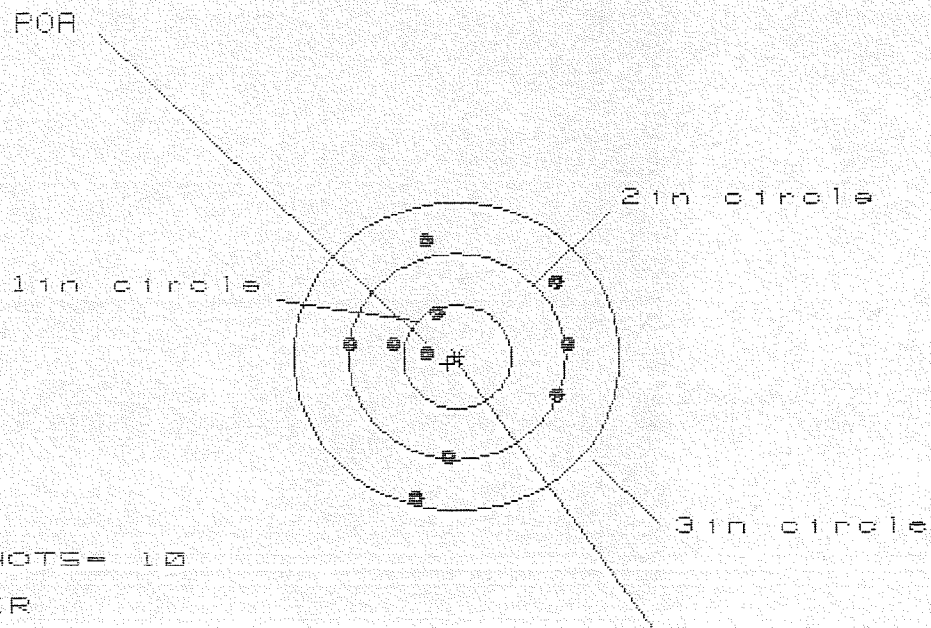
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.867	.865	.621
MINIMUM X	:	-.357	-.359	-.251
MAXIMUM Y	:	1.145	.985	1.084
MINIMUM Y	:	-1.436	-.899	-.800
CENTROID X	:	.169	.171	.063
CENTROID Y	:	.238	.398	.299
POA TO CENTROID in.	:	.292	.433	.306
MIN RADIUS	:	.089	.072	.101
MEAN RADIUS	:	.772	.690	.610
MAX RADIUS	:	1.437	1.171	1.087
HORIZONTAL SPREAD	:	1.224	1.224	.872
VERTICAL SPREAD	:	2.581	1.884	1.884
EXTREME SPREAD	:	2.587	1.964	1.885
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

21 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/0634B397

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.920

VS= 2.480

GS= 2.484

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.920	1.028
MINIMUM X	:	-.962	-1.008	-.900
MAXIMUM Y	:	1.109	.956	1.025
MINIMUM Y	:	-1.371	-1.103	-1.034
CENTROID X	:	.085	.131	.023
CENTROID Y	:	.069	.222	.153
FOR TO CENTROID in.	:	.110	.258	.154
MIN RADIUS	:	.326	.381	.262
MEAN RADIUS	:	.911	.839	.793
MAX RADIUS	:	1.433	1.108	1.099
HORIZONTAL SPREAD	:	1.928	1.928	1.928
VERTICAL SPREAD	:	2.480	2.059	2.059
EXTREME SPREAD	:	2.484	2.071	2.071
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	