

C6348789

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Remington®



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

MODEL 700™ M24

SERIAL NO.
C6348789

ORDER NO.
5716

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

01



5716 C6348789

UPC



0 47700 25716 7

Repair Inquiry

Repair Number: RE00115163

Serial: C6348789 Model M24 SWS Center Fire
Caliber: 308 Produced: 03/19/1990

Repairman:

Status: Closed 7/31/2006 2:20:58 PM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: DOTA

DOTA

Address 1: HHC 2ND BAT 27TH INFANTRY

HHC 2ND BAT 27TH INFANTRY

Address 2: PO Box:

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 808 722 0282

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
B000	FRONT AND REAR E	1

Repair Search

Refresh

Close

nagletj

8/1/2006

7:32 AM

CAPS

NUM

INS

SCRL

start

2 Micros...

Part Search...

5 Intern...

RAC0179...

Arms Servi...

9:02 AM

Convert to
A2's
Jd

Serial Number: C6348789

Model: M24 SWS



RE00115163

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

R & E NUMBER	115163				
SERIAL NUMBER	C6348789		A-2		
LOG-IN DATE	7-31-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		9-19-06	RTZ	
505	RE-BARREL		9-20-06	RTZ	
420	ASSEMBLE		9-20-06	RTZ	
440	PROOF		9-20-06	RTZ	
460	CHECK HEADSPACE		9-20-06	RTZ	
470	DIS-ASSEMBLE GUN		9-20-06	RTZ	
480	MAGNAFLUX		9-20-06	RTZ	
510	DRILL AND TAP				
500	ROLLMARK CALIBER		9-20-06	CW	
520	GOFF BLAST BBL / REC				
530 & 540	APPLY COATINGS		9/22/06	RTZ	
560	FINAL ASSEMBLY		11-11-06	RTZ	
640	FUNCTION TEST AND	(PASS) FAIL	11-11-06	TRW	
650	TARGET	(PASS) FAIL	11-11-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		11-15-06	RTZ	
	A) HEADSPACE	(PASS) FAIL	11-14-06	RTZ	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	278 278 278 273 284	11-14-06	RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6° 6° 6°	11-14-06	RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2° 2° 2°	11-14-06	RTZ
	I) FIRING PIN INDENT	.020	.026 .025 .026	11-14-06	RTZ
690	PACK			11-15-06	RTZ

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348789.___0

FILE DATE AND TIME: 11/13/2006 21:19

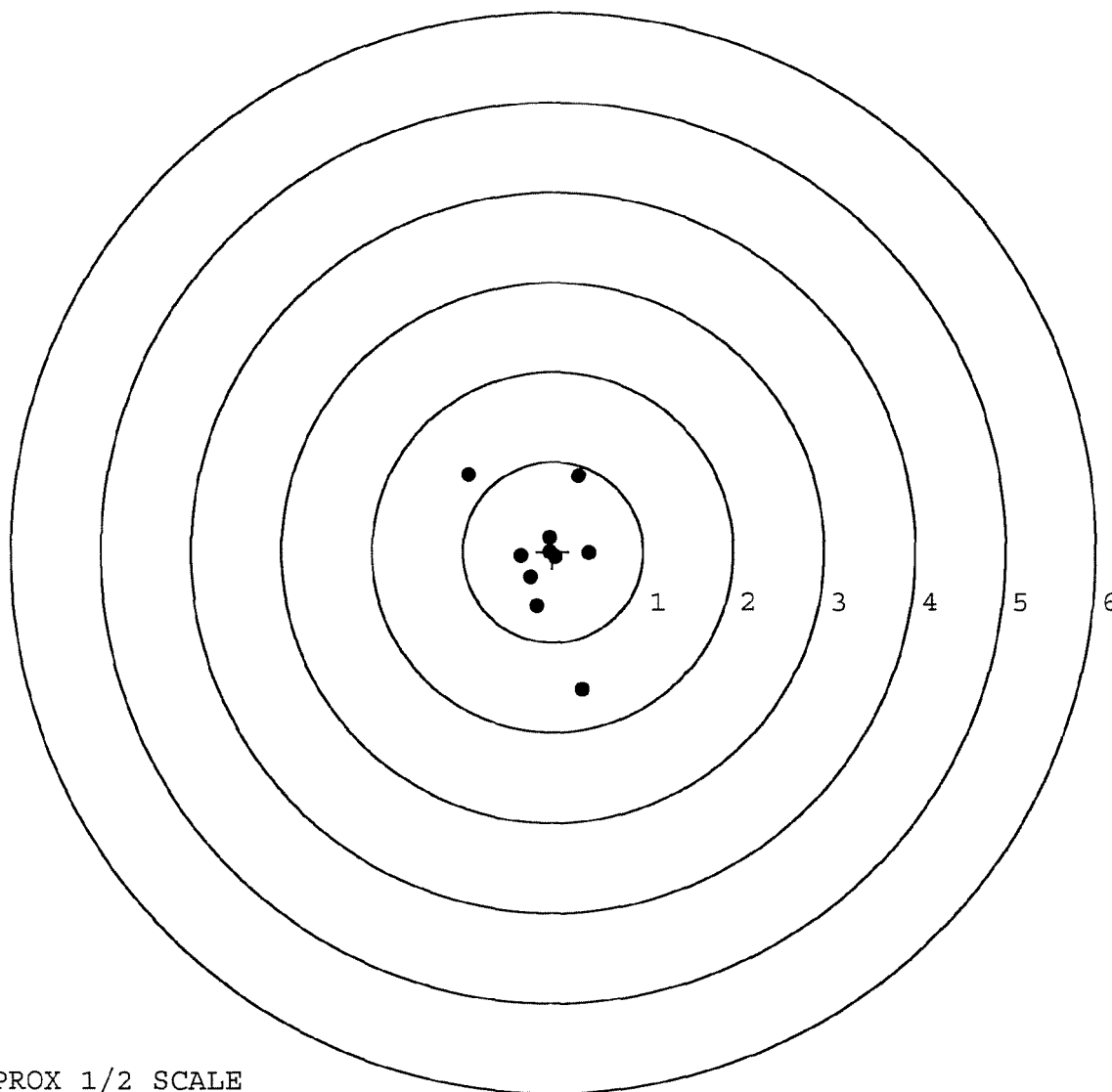
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.117
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.656
The Distance from POA to Centroid Target #1:	0.103
The Distance from Centroid Target #2 to Centroid Target #1:	0.245
The Distance from Centroid Target #3 to Centroid Target #1:	0.356
The Distance from Centroid Target #4 to Centroid Target #1:	0.112
The Distance from Centroid Target #5 to Centroid Target #1:	0.129

SERIAL NUMBER: C6348789. __0
TARGET NUMBER: 1
FILE DATE: 11/13/2006
FILE TIME: 21:19

POINT#	X	Y
1:	-0.940	0.853
2:	0.282	0.846
3:	0.404	-0.015
4:	0.028	-0.065
5:	-0.039	0.154
6:	-0.357	-0.051
7:	-0.253	-0.281
8:	-0.180	-0.606
9:	0.339	-1.532
10:	-0.037	-0.008

X CENTROID: -0.075
Y CENTROID: -0.070
POA TO CENTROID: 0.103
HORZ SPREAD: 1.344
VERT SPREAD: 2.385
GROUP SPREAD: 2.706
MIN RADIUS: 0.073
MAX RADIUS: 1.519
MEAN RADIUS: 0.576
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

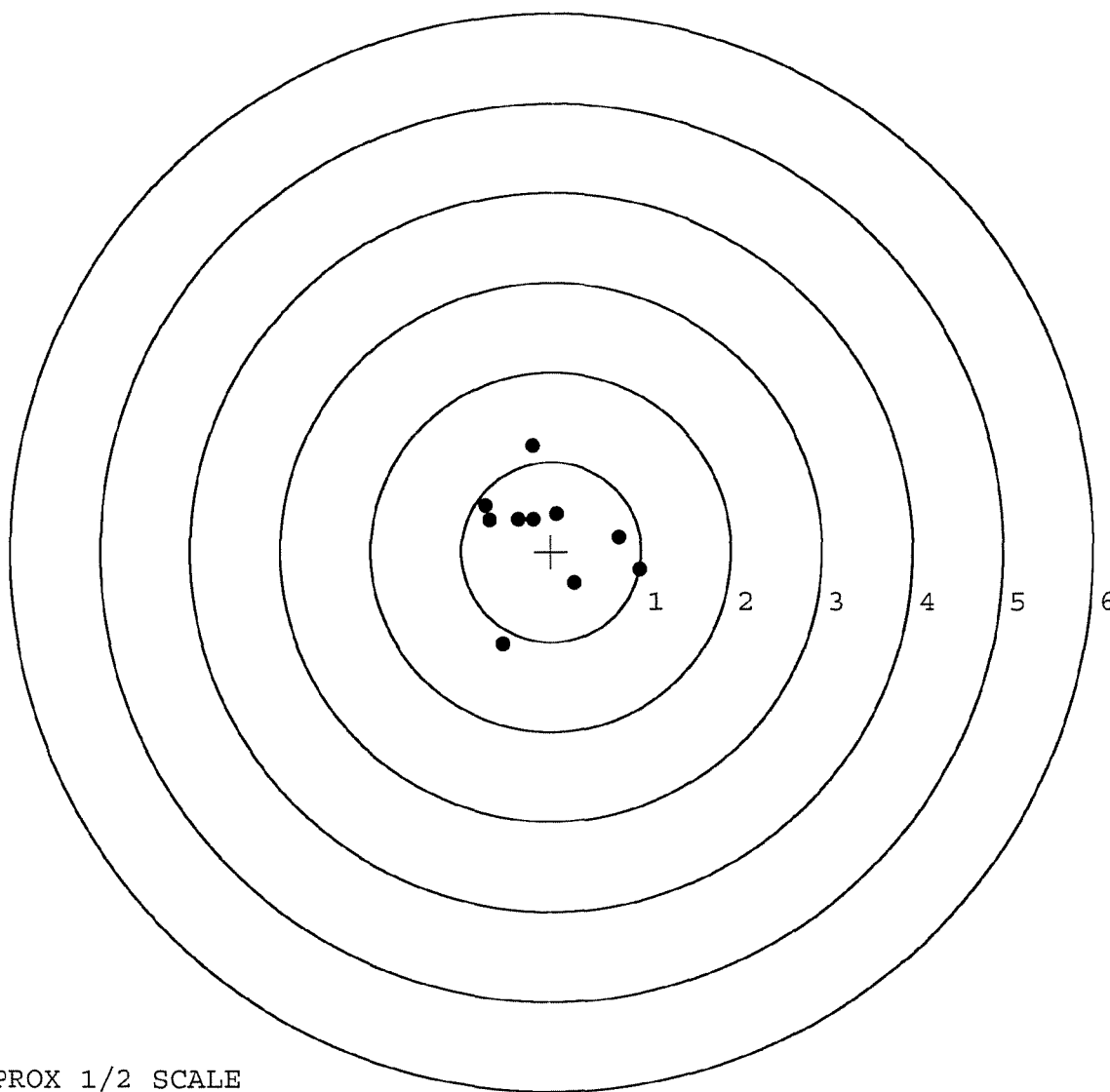


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348789. __0
TARGET NUMBER: 2
FILE DATE: 11/13/2006
FILE TIME: 21:19

POINT#	X	Y
1:	-0.212	1.177
2:	-0.740	0.509
3:	-0.687	0.348
4:	-0.371	0.360
5:	-0.206	0.357
6:	0.054	0.415
7:	0.266	-0.358
8:	0.749	0.165
9:	0.993	-0.203
10:	-0.536	-1.029

X CENTROID: -0.069
Y CENTROID: 0.174
POA TO CENTROID: 0.187
HORZ SPREAD: 1.733
VERT SPREAD: 2.206
GROUP SPREAD: 2.230
MIN RADIUS: 0.229
MAX RADIUS: 1.291
MEAN RADIUS: 0.712
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

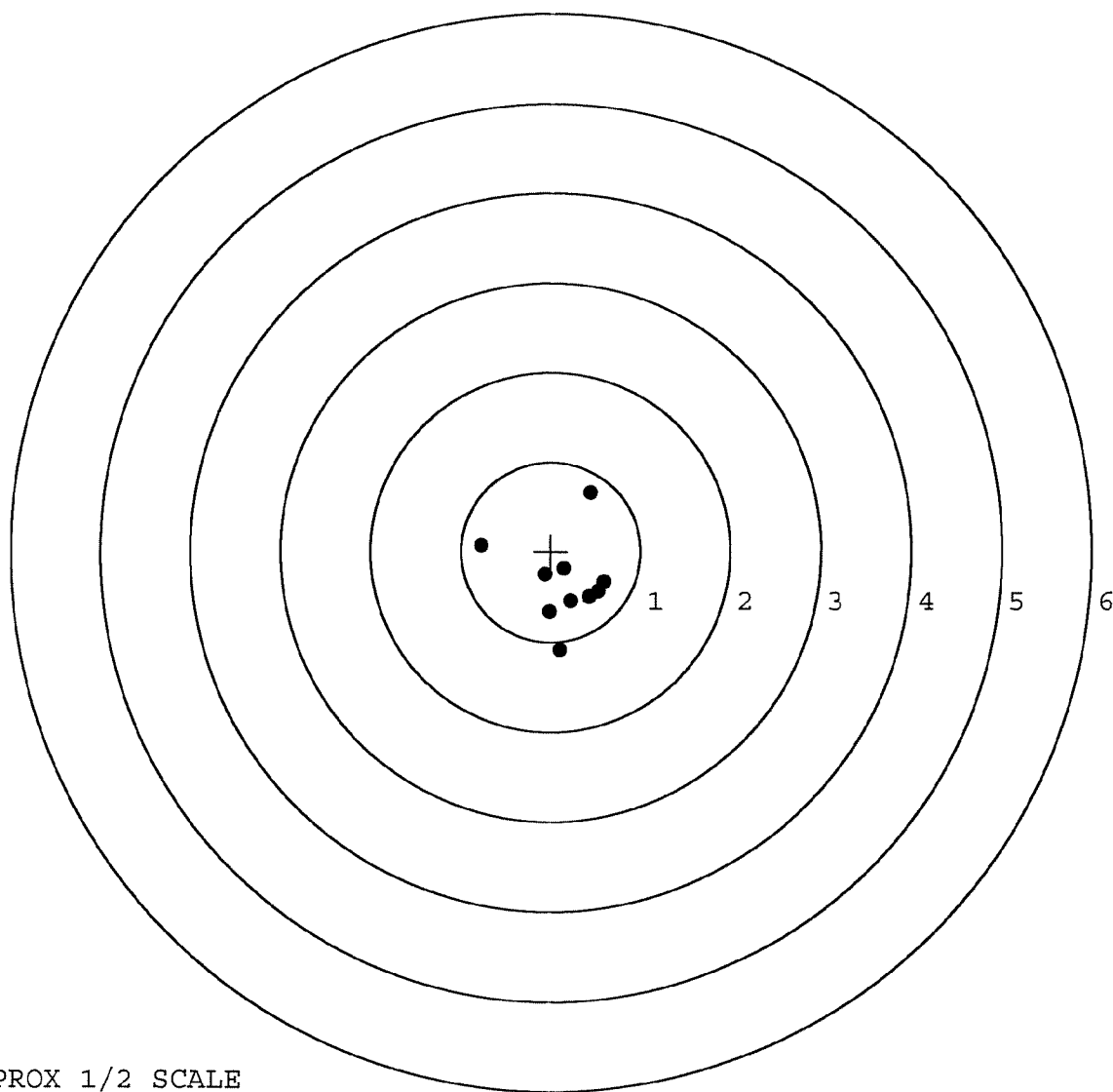


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348789. __0
TARGET NUMBER: 3
FILE DATE: 11/13/2006
FILE TIME: 21:19

POINT#	X	Y
1:	0.442	0.660
2:	0.147	-0.195
3:	-0.067	-0.260
4:	-0.776	0.064
5:	-0.017	-0.674
6:	0.104	-1.099
7:	0.223	-0.555
8:	0.429	-0.509
9:	0.533	-0.452
10:	0.595	-0.341

X CENTROID: 0.161
Y CENTROID: -0.336
POA TO CENTROID: 0.373
HORZ SPREAD: 1.371
VERT SPREAD: 1.759
GROUP SPREAD: 1.791
MIN RADIUS: 0.142
MAX RADIUS: 1.035
MEAN RADIUS: 0.495
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348789. __0

TARGET NUMBER: 4

FILE DATE: 11/13/2006

FILE TIME: 21:19

POINT#	X	Y
1:	-0.391	0.433
2:	-0.165	0.289
3:	0.132	0.437
4:	-1.141	-0.021
5:	-0.645	-0.520
6:	-0.405	-0.337
7:	-0.054	-0.556
8:	0.423	-0.439
9:	0.600	-0.007
10:	0.590	-1.058

X CENTROID: -0.106

Y CENTROID: -0.178

POA TO CENTROID: 0.207

HORZ SPREAD: 1.741

VERT SPREAD: 1.495

GROUP SPREAD: 2.018

MIN RADIUS: 0.339

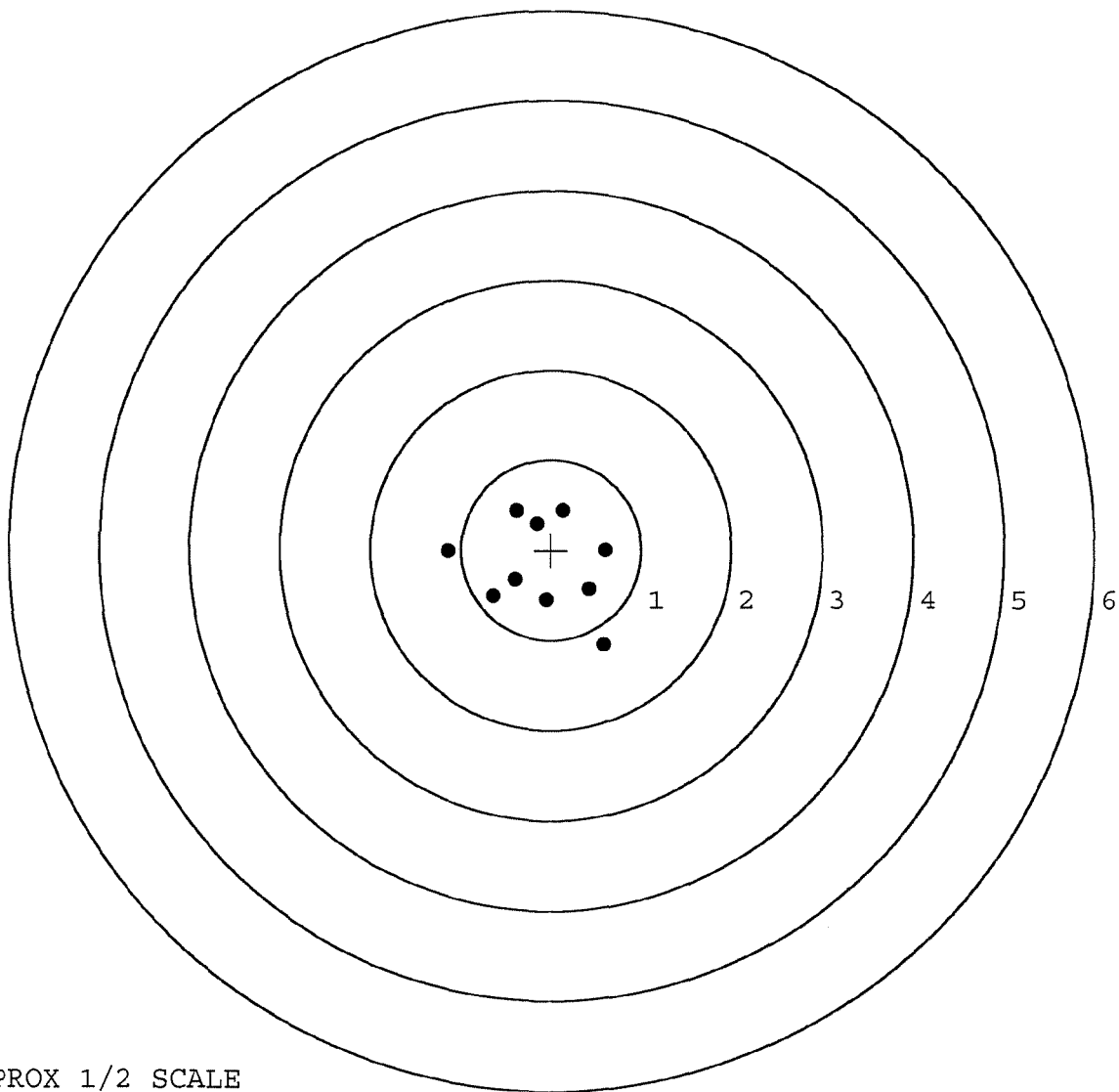
MAX RADIUS: 1.122

MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

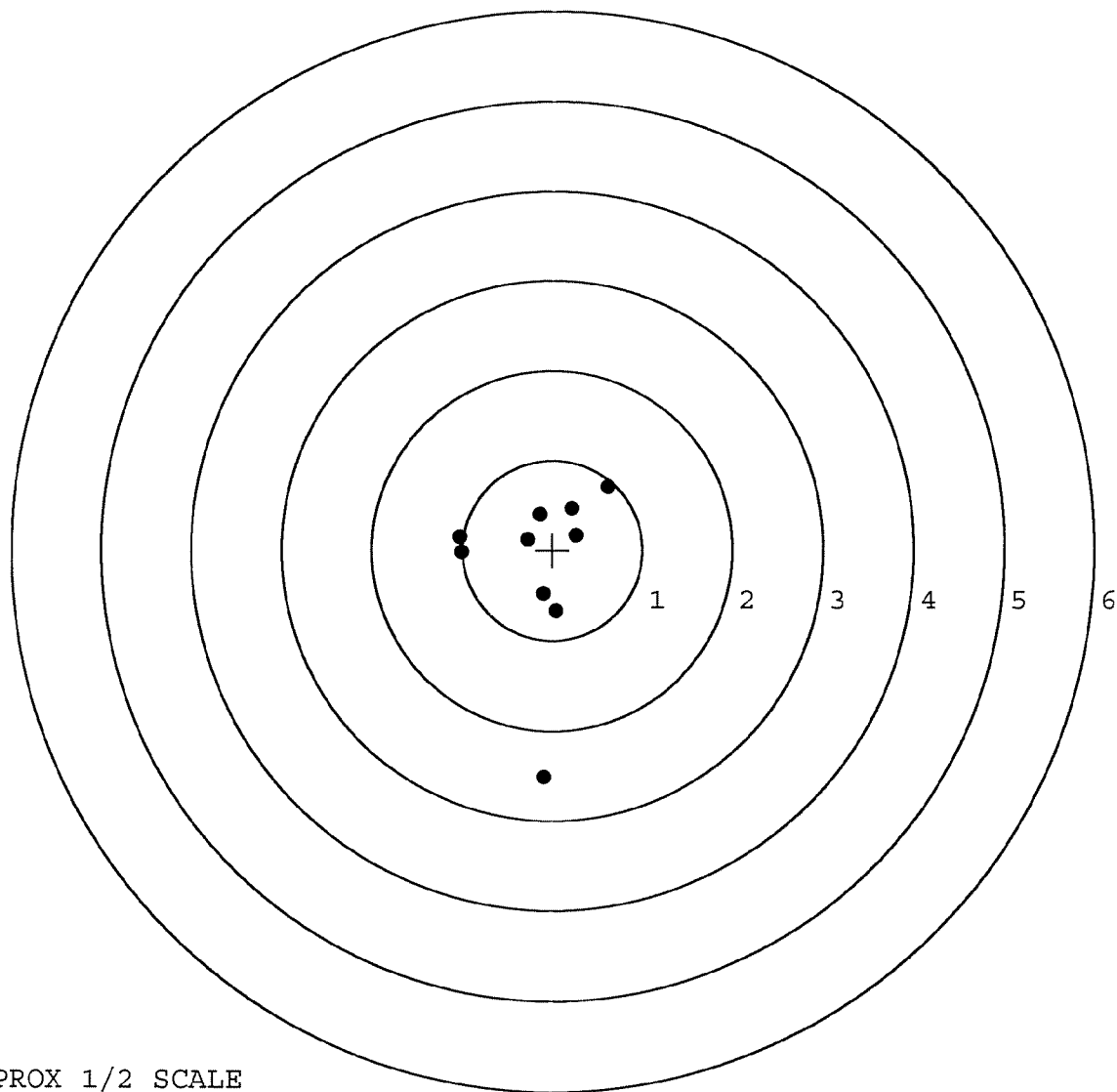


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348789. 0
TARGET NUMBER: 5
FILE DATE: 11/13/2006
FILE TIME: 21:19

POINT#	X	Y
1:	-0.277	0.114
2:	-0.145	0.397
3:	0.266	0.160
4:	0.216	0.461
5:	0.614	0.703
6:	-0.101	-0.488
7:	0.043	-0.686
8:	-1.012	-0.033
9:	-1.027	0.144
10:	-0.088	-2.521

X CENTROID: -0.151
Y CENTROID: -0.175
POA TO CENTROID: 0.231
HORZ SPREAD: 1.641
VERT SPREAD: 3.224
GROUP SPREAD: 3.300
MIN RADIUS: 0.315
MAX RADIUS: 2.347
MEAN RADIUS: 0.834
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

RC -20
Replaced

M-24

INTERCHANGEABILITY

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348789

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	10-9 89	RW
600	Proof		10-9 89	A.C.
607	Check Headspace		10-9 89	RW
610	Dis-assemble Gun		10-9 89	RW
612	NEW BARREL 10/30/89 Magnaflux Barrel Action	REJECT	10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	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					
	G) Safety Off Force					
	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					
	C) Function					
660	Pack					

TIME 87

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348789

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	11-2 89	RW
600	Proof		11-2 89	K
607	Check Headspace		11-2 89	RW
610	Dis-assemble Gun		11-2 89	RW
612	Magnaflux Barrel Action		11-9-89	KCR
	Magnaflux Bolt		11-9-89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes		11 9 89	YB
618	Polish Barrel RB		11 9 89	BT
620	Apply Coatings (Barrel Action)		11-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/8/90	RW
	C) Inspect Ejector Hole for Chamfer		1/8/90	RW
	D) Oil Firing Pin Ass'y		1/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/1/90	928

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-10-90	JH
	G) Safety Off Force	3	3	3			1-10-90	JH
	H) Trigger Pull Test & Retainability						10/26/90	JD
	I) Firing Pin Indent	.020	.020	.020			1-10-90	JH
	J) Assemble Stock						1/10/90	RW
	K) Assemble Swivel Studs						1/31/90	WB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						2/28/90	WB
	P) Detach & Attach Scope 20 Times						2/28/90	WB
640	Gallery Target & Test						2-28-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						2-28-90	A
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.41	2.50	2.39	2.33	2.27	3/12/90	CS
	C) Function						3/12/90	WB
660	Pack						20/12/90	JD

SWS TRIGGER PULL TEST

TIME 18

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348789

DATE 10 Jan 80

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.03	2.28	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.20	2.39	2.50	
PULL #3	2.44	2.21	2.35	2.39	
PULL #4	2.45	2.20	2.36	2.33	
PULL #5	2.38	2.16	2.31	2.31	
TOTAL	12.12	10.80	11.69		
AVG.	2.424	2.16	2.338		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.04		
PULL #2	3.32	3.10		
PULL #3	3.29	3.11		
PULL #4	3.28	2.96		
PULL #5	3.16	3.12		
TOTAL	16.28	15.33		
AVG.	3.256	3.066		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.99	4.09		4.00
PULL #2	4.15	4.13		3.92
PULL #3	4.16	3.93		3.96
PULL #4	4.09	4.05		3.85
PULL #5	3.95	3.96		3.87
TOTAL	20.34	20.16		19.60
AVG.	4.068	4.032		3.92

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348789
28 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.464397
1 TO	2	.487519
1 TO	3	.171735
1 TO	4	.105683
1 TO	5	.679982

$\frac{S}{2}$ <----POA
 $\frac{h}{2}$

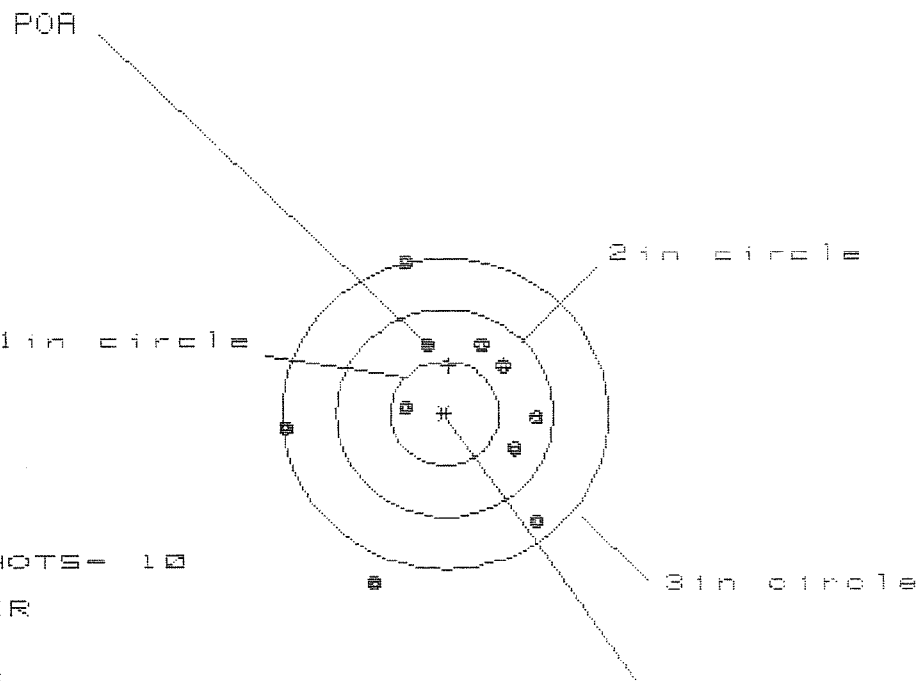
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0402
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3302
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .332638

THE AMR FOR THIS RIFLE IS: 1.146

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/063487B9

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.281

VS= 3.046

GS= 3.065

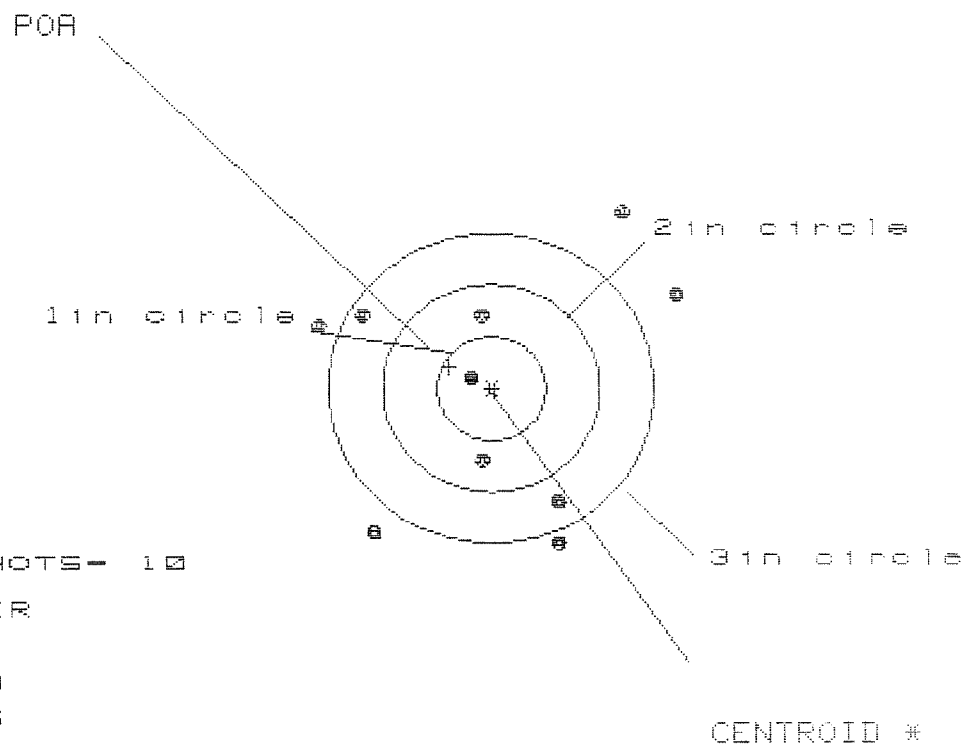
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.794	.716	.660
MINIMUM X	-1.487	-1.565	-1.621
MAXIMUM Y	1.459	1.282	.650
MINIMUM Y	-1.587	-1.217	-1.056
CENTROID X	-.036	.042	.098
CENTROID Y	-.463	-.286	-.447
POA TO CENTROID in.	.464	.290	.457
MIN RADIUS	.371	.475	.504
MEAN RADIUS	1.002	.884	.826
MAX RADIUS	1.736	1.598	1.629
HORIZONTAL SPREAD	2.281	2.281	2.281
VERTICAL SPREAD	3.046	2.499	1.706
EXTREME SPREAD	3.065	2.753	2.444
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348789

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 5

HS= 3.284

VS= 3.131

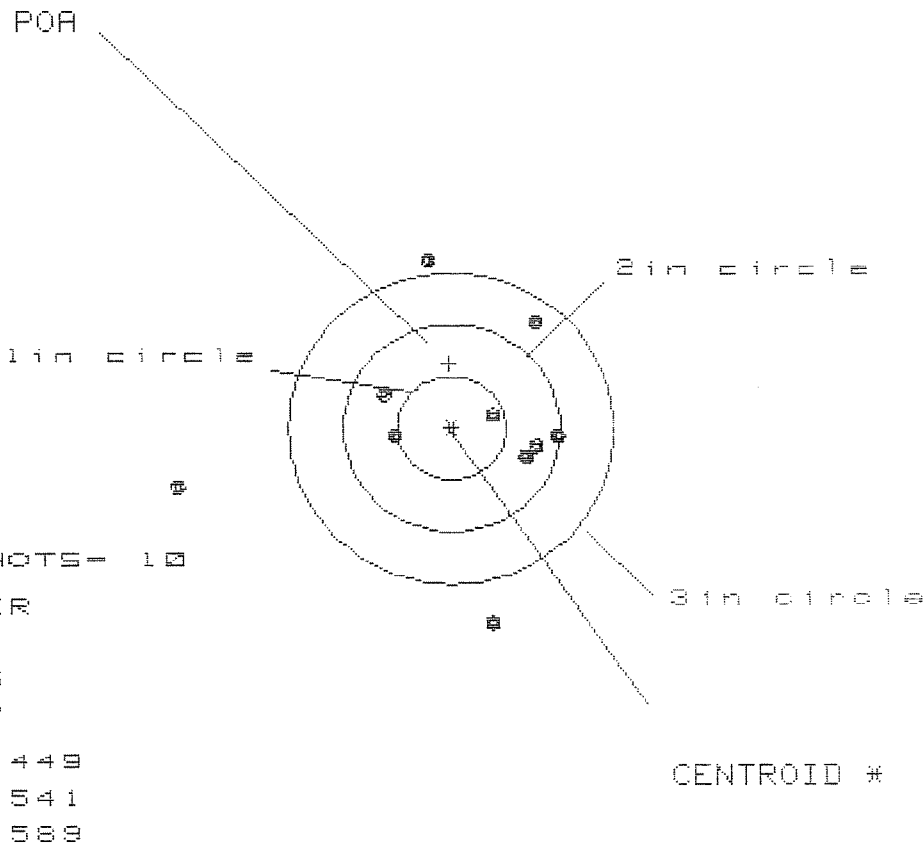
GS= 3.821

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.687	1.821	1.008
MINIMUM X	:	-1.597	-1.463	-1.235
MAXIMUM Y	:	1.678	1.136	1.015
MINIMUM Y	:	-1.453	-1.266	-1.124
CENTROID X	:	.390	.256	.028
CENTROID Y	:	-.206	-.393	-.535
POA TO CENTROID in.	:	.441	.469	.535
MIN RADIUS	:	.195	.256	.432
MEAN RADIUS	:	1.323	1.220	1.101
MAX RADIUS	:	2.069	2.146	1.520
HORIZONTAL SPREAD	:	3.284	3.284	2.243
VERTICAL SPREAD	:	3.131	2.402	2.139
EXTREME SPREAD	:	3.821	3.631	3.612
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06348783

CENTERFIRE PATTERNS # 3



PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.955
MINIMUM X	-2.494
MAXIMUM Y	1.617
MINIMUM Y	-1.924
CENTROID X	.021
CENTROID Y	-.625
POA TO CENTROID in.	.625
MIN RADIUS	.382
MEAN RADIUS	1.158
MAX RADIUS	2.553
HORIZONTAL SPREAD	3.449
VERTICAL SPREAD	3.541
EXTREME SPREAD	3.589
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	7

28 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06348789

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.790

VS= 2.676

GS= 3.264

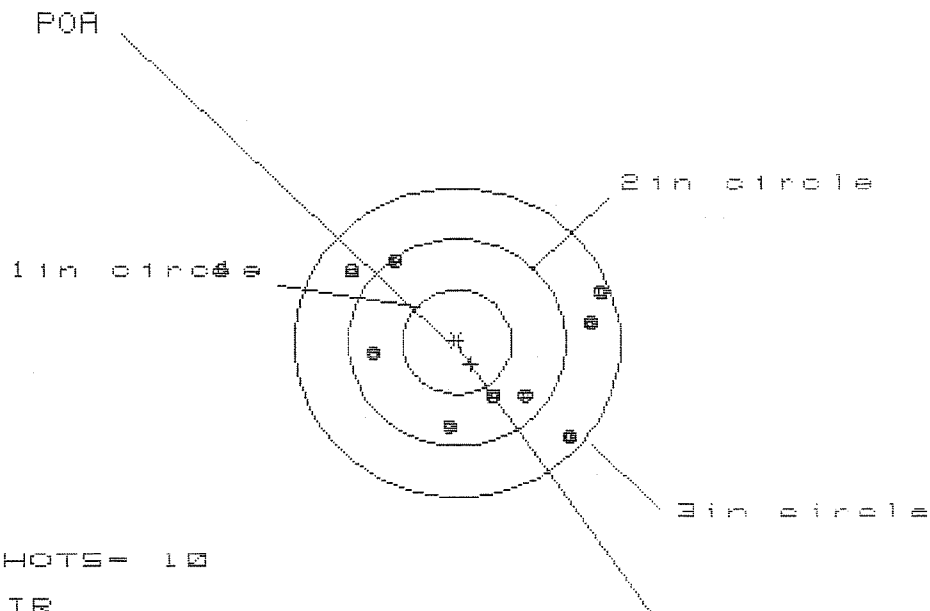
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.474	1.328	1.404
MINIMUM X	:	-1.316	-.894	-.818
MAXIMUM Y	:	1.323	1.190	1.066
MINIMUM Y	:	-1.353	-1.486	-1.337
CENTROID X	:	-.048	.098	.021
CENTROID Y	:	-.568	-.435	-.584
POA TO CENTROID in.	:	.570	.446	.584
MIN RADIUS	:	.326	.163	.319
MEAN RADIUS	:	1.103	.996	.963
MAX RADIUS	:	1.778	1.684	1.517
HORIZONTAL SPREAD	:	2.790	2.222	2.222
VERTICAL SPREAD	:	2.676	2.676	2.403
EXTREME SPREAD	:	3.264	3.023	2.584
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

20 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08348789

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 3.576

VS= 1.667

GS= 3.650

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.370
MINIMUM X	-2.206
MAXIMUM Y	.753
MINIMUM Y	-.914
CENTROID X	-.126
CENTROID Y	.211
POA TO CENTROID in.	.245
MIN RADIUS	.591
MEAN RADIUS	1.146
MAX RADIUS	2.310
HORIZONTAL SPREAD	3.576
VERTICAL SPREAD	1.667
EXTREME SPREAD	3.650
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348789
16 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.278116
1 TO	2	.82839
1 TO	3	.140831
1 TO	4	.631525
1 TO	5	.393192

2.45" <----POA

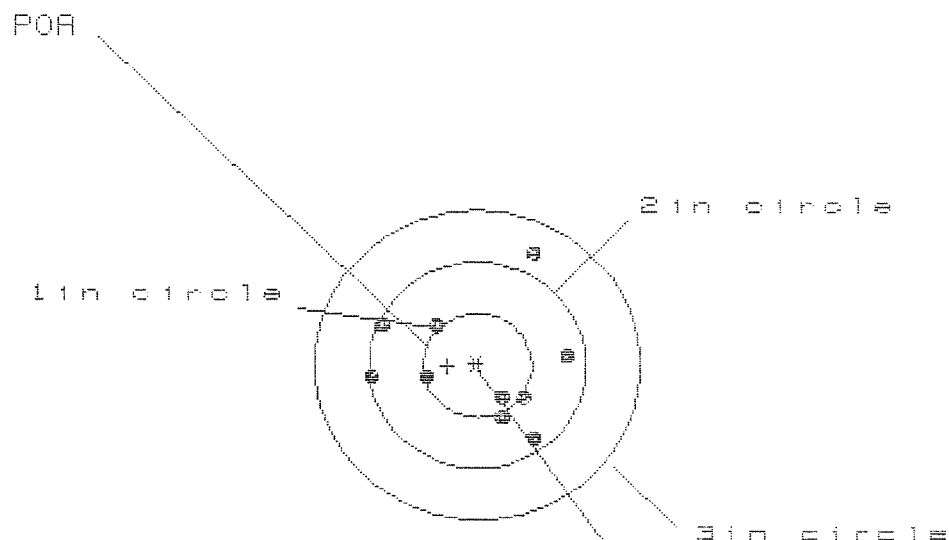
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0946
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1086
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144025
THE AMR FOR THIS RIFLE IS: .8442

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8348789.1

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1in = 1

2in = 9

3in = 10

HS = 1.736

VS = 1.805

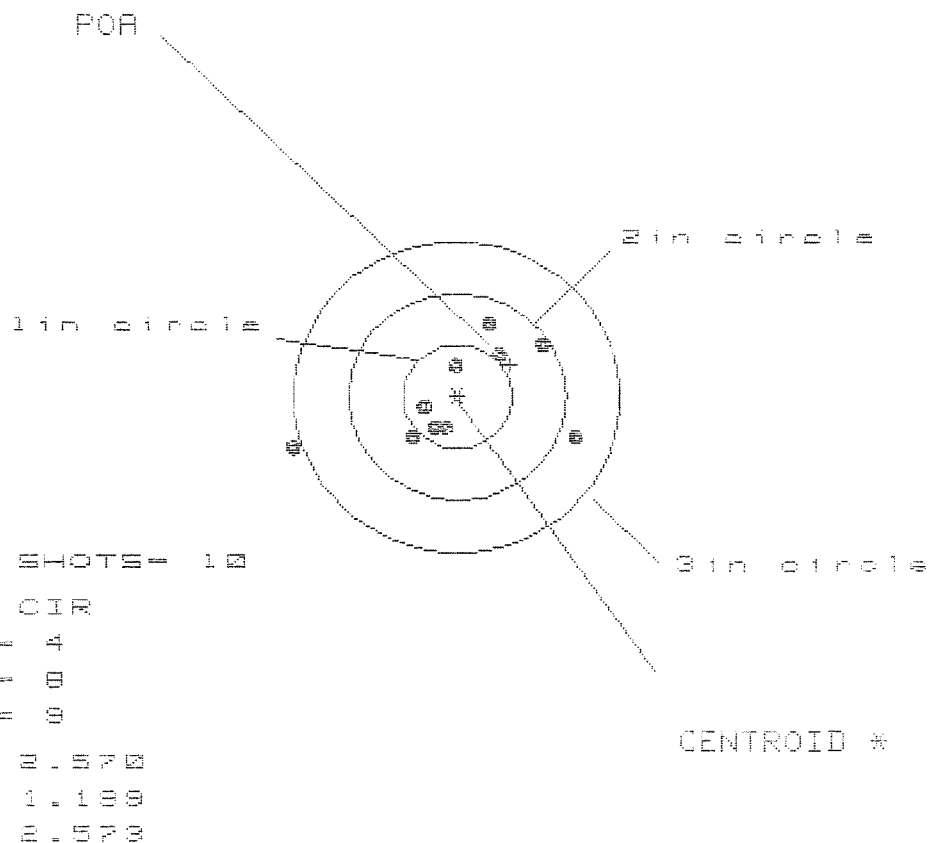
CS = 1.857

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.801	.856	.751
MINIMUM X	-.935	-.880	-.985
MAXIMUM Y	1.107	.503	.557
MINIMUM Y	-.699	-.576	-.513
CENTROID X	.276	.221	.326
CENTROID Y	.008	-.115	-.178
POA TO CENTROID in.	.276	.249	.371
MIN RADIUS	.410	.356	.235
MEAN RADIUS	.731	.660	.593
MAX RADIUS	1.213	.981	.991
HORIZONTAL SPREAD	1.736	1.736	1.736
VERTICAL SPREAD	1.805	1.079	1.070
EXTREME SPREAD	1.857	1.772	1.746
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

18 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C93487B3.1

CENTERFIRE PATTERNS # 2

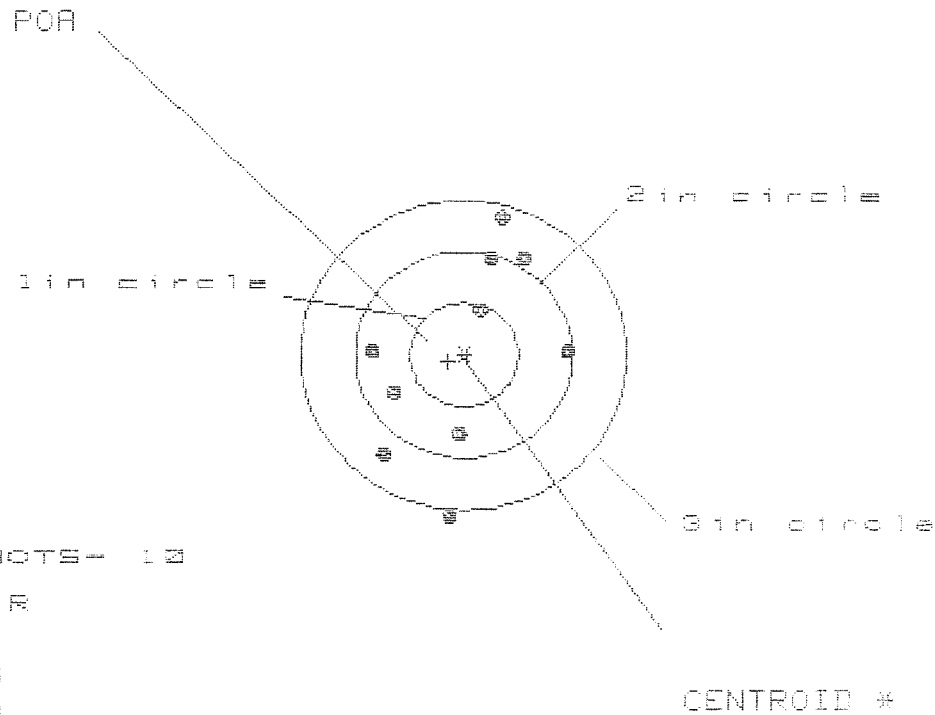


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.083	.917	.700
MINIMUM X	:	-1.487	-.575	-.460
MAXIMUM Y	:	.688	.631	.577
MINIMUM Y	:	-.511	-.434	-.488
CENTROID X	:	-.488	-.322	-.437
CENTROID Y	:	-.307	-.250	-.196
POA TO CENTROID in.	:	.576	.408	.479
MIN RADIUS	:	.275	.279	.175
MEAN RADIUS	:	.672	.581	.501
MAX RADIUS	:	1.573	1.015	.813
HORIZONTAL SPREAD	:	2.570	1.492	1.160
VERTICAL SPREAD	:	1.199	1.065	1.065
EXTREME SPREAD	:	2.573	1.492	1.469
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08948789.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HE= 1.782

VS= 2.977

GS= 3.010

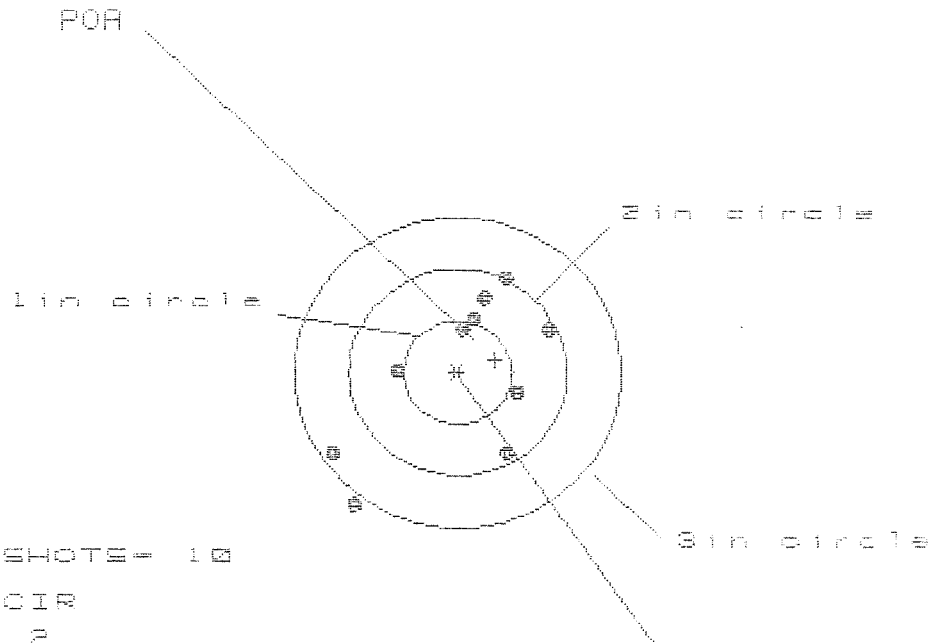
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.944	.932	.973
MINIMUM X	:	-.838	-.850	-.809
MAXIMUM Y	:	1.373	1.195	.937
MINIMUM Y	:	-1.604	-1.181	-1.032
CENTROID X	:	.147	.159	.118
CENTROID Y	:	.064	.242	.093
POA TO CENTROID in.	:	.160	.290	.151
MIN RADIUS	:	.441	.276	.426
MEAN RADIUS	:	1.004	.915	.876
MAX RADIUS	:	1.608	1.390	1.243
HORIZONTAL SPREAD	:	1.782	1.782	1.782
VERTICAL SPREAD	:	2.977	2.376	1.969
EXTREME SPREAD	:	3.010	2.601	2.312
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 SEP 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6348789.1

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 0.029

VS= 2.228

GS= 0.632

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.840	.732	.568
MINIMUM X	-1.199	-1.307	-.800
MAXIMUM Y	.948	.806	.689
MINIMUM Y	-1.280	-.936	-1.036
CENTROID X	-.342	-.234	-.070
CENTROID Y	-.122	.020	.137
POA TO CENTROID in.	.363	.235	.154
MIN RADIUS	.465	.314	.268
MEAN RADIUS	.880	.750	.598
MAX RADIUS	1.608	1.608	1.044
HORIZONTAL SPREAD	2.039	2.039	1.368
VERTICAL SPREAD	2.228	1.742	1.725
EXTREME SPREAD	2.632	2.384	1.725
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

16 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C83487B9.1

CENTERFIRE PATTERNS

5

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.058

VS= 2.391

ES= 2.754

PATTERN #	5	6	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.953	.830	.766
MINIMUM X	-1.105	-.823	-.887
MAXIMUM Y	1.156	.953	.814
MINIMUM Y	-1.235	-1.106	-.696
CENTROID X	-.066	.057	.121
CENTROID Y	-.186	-.315	-.176
POR TO CENTROID in.	.198	.320	.214
MIN RADIUS	.331	.412	.481
MEAN RADIUS	.934	.850	.788
MAX RADIUS	1.599	1.259	1.264
HORIZONTAL SPREAD	2.058	1.653	1.653
VERTICAL SPREAD	2.391	2.059	1.510
EXTREME SPREAD	2.754	2.231	2.231
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 98-11745

INITIAL CUSTOMER ORDER NO.

WOG 2 OF 3 W/LEUPOLD 10X SCOPE

SWS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/01/98

06/02/98

RJ 11-89

C6348789

700

7.62

NATO

ACCESSORIES

SOFT CASE

SCOPE MNTS

SCOPE BASE

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

U S ARMY
HHC 2-27 INF
SCHFIELD BARRACKS

HI 96857

U S ARMY
HHC 2-27 INF
SCHFIELD BARRACKS HI
96857

CUST NO:188259 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F6

METAL

C2

MAIN FAULT

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400064092

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6348789
21 Jul 1998

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .022
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0574
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0614716
THE AMR FOR THIS RIFLE IS: .9944

CENTROIDAL DISTANCES

0	TO	1	.362436
1	TO	2	.295549
1	TO	3	.398011
1	TO	4	.535955
1	TO	5	.3478

1
3 2 <----POA
4

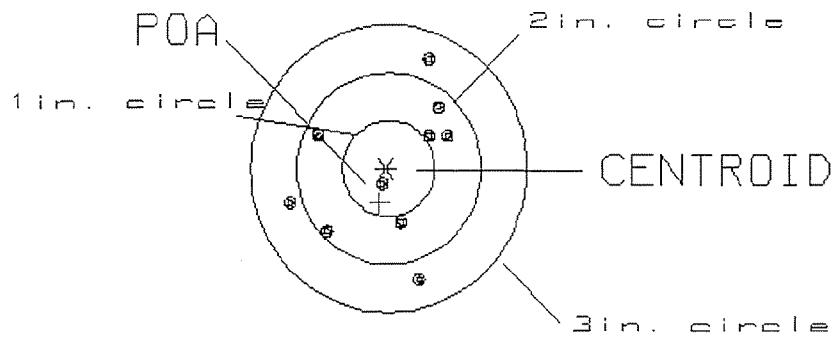
PATTERN #: 1

POA TO CENTROID: .362
 MIN RADIUS : .124
 MEAN RADIUS : .827
 MAX RADIUS : 1.254
 CENTROID X : .068
 CENTROID Y : .356

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348789

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.74
 VS= 2.31
 GS= 2.32

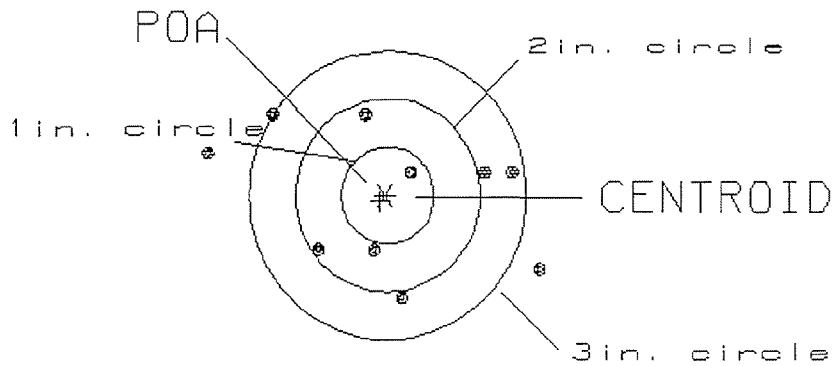
1
 7
 10

PATTERN #: 2
 POA TO CENTROID: .079
 MIN RADIUS : .315
 MEAN RADIUS : 1.155
 MAX RADIUS : 1.961
 CENTROID X : .050
 CENTROID Y : .061

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348789

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.53
 VS= 1.96
 GS= 3.70

1
 4
 5

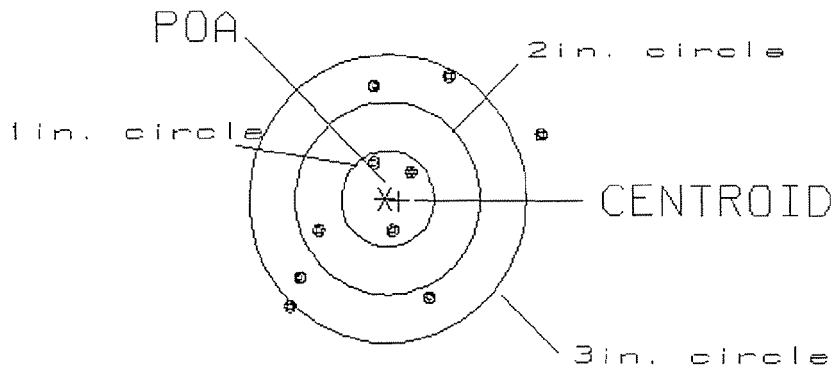
PATTERN #: 3

POA TO CENTROID: .152
 MIN RADIUS : .300
 MEAN RADIUS : 1.032
 MAX RADIUS : 1.819
 CENTROID X : -.150
 CENTROID Y : .023

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348789

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.78
 VS= 2.36
 GS= 3.31

3
 4
 8

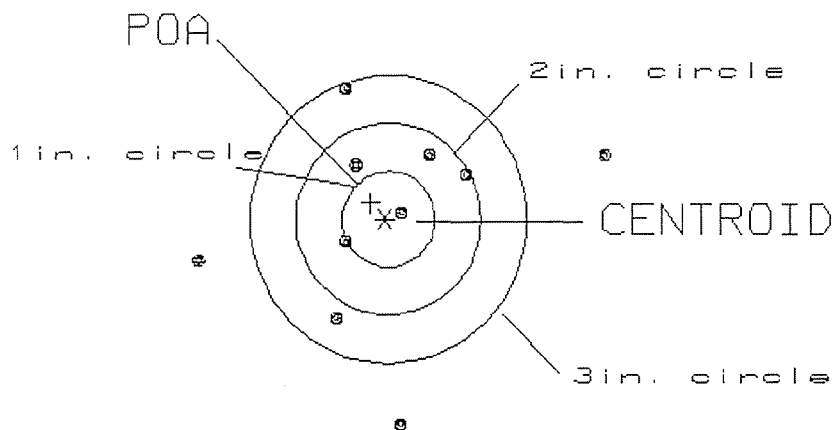
PATTERN #: 4

POA TO CENTROID: .234
 MIN RADIUS : .142
 MEAN RADIUS : 1.236
 MAX RADIUS : 2.392
 CENTROID X : .160
 CENTROID Y : -.172

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348789

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.34
 VS= 3.52
 GS= 4.47

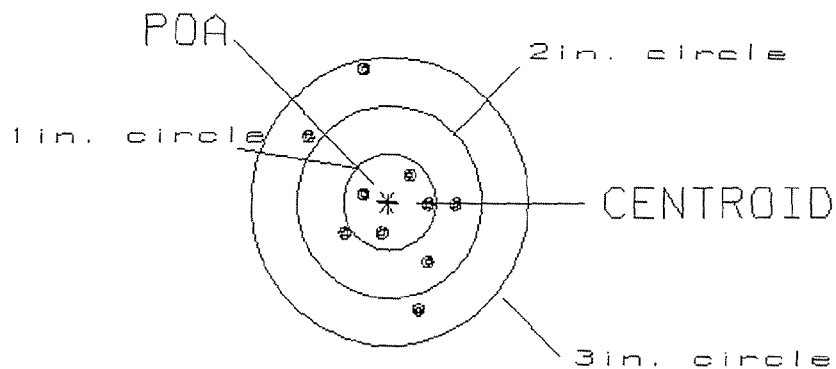
2
 5
 7

PATTERN #: 5
 POA TO CENTROID: .026
 MIN RADIUS : .329
 MEAN RADIUS : .722
 MAX RADIUS : 1.417
 CENTROID X : -.018
 CENTROID Y : .019

21 Jul 1998

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6348789

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.62

4

VS= 2.55

7

GS= 2.62

10

DA FORM 2768-1, APR 78

PREVIOUS EDITION WILL BE USED

REQUEST FOR ISSUE OR TURN-IN (DA Form 2768-1)

1. STOCK NUMBER		2. QUANTITY		3. UNIT OF MEASURE		4. DATE		5. TIME	
HHC 2-27 INF		1005 21 240		EA		2130		0003	
6. STOCK NUMBER		7. QUANTITY		8. UNIT OF MEASURE		9. DATE		10. TIME	
1005 21 240		EA		2130		0003			
11. STOCK NUMBER		12. QUANTITY		13. UNIT OF MEASURE		14. DATE		15. TIME	
1005 21 240		EA		2130		0003			
16. STOCK NUMBER		17. QUANTITY		18. UNIT OF MEASURE		19. DATE		20. TIME	
1005 21 240		EA		2130		0003			
21. STOCK NUMBER		22. QUANTITY		23. UNIT OF MEASURE		24. DATE		25. TIME	
1005 21 240		EA		2130		0003			
26. STOCK NUMBER		27. QUANTITY		28. UNIT OF MEASURE		29. DATE		30. TIME	
1005 21 240		EA		2130		0003			
31. STOCK NUMBER		32. QUANTITY		33. UNIT OF MEASURE		34. DATE		35. TIME	
1005 21 240		EA		2130		0003			
36. STOCK NUMBER		37. QUANTITY		38. UNIT OF MEASURE		39. DATE		40. TIME	
1005 21 240		EA		2130		0003			
41. STOCK NUMBER		42. QUANTITY		43. UNIT OF MEASURE		44. DATE		45. TIME	
1005 21 240		EA		2130		0003			
46. STOCK NUMBER		47. QUANTITY		48. UNIT OF MEASURE		49. DATE		50. TIME	
1005 21 240		EA		2130		0003			
51. STOCK NUMBER		52. QUANTITY		53. UNIT OF MEASURE		54. DATE		55. TIME	
1005 21 240		EA		2130		0003			
56. STOCK NUMBER		57. QUANTITY		58. UNIT OF MEASURE		59. DATE		60. TIME	
1005 21 240		EA		2130		0003			
61. STOCK NUMBER		62. QUANTITY		63. UNIT OF MEASURE		64. DATE		65. TIME	
1005 21 240		EA		2130		0003			
66. STOCK NUMBER		67. QUANTITY		68. UNIT OF MEASURE		69. DATE		70. TIME	
1005 21 240		EA		2130		0003			
71. STOCK NUMBER		72. QUANTITY		73. UNIT OF MEASURE		74. DATE		75. TIME	
1005 21 240		EA		2130		0003			
76. STOCK NUMBER		77. QUANTITY		78. UNIT OF MEASURE		79. DATE		80. TIME	
1005 21 240		EA		2130		0003			
81. STOCK NUMBER		82. QUANTITY		83. UNIT OF MEASURE		84. DATE		85. TIME	
1005 21 240		EA		2130		0003			
86. STOCK NUMBER		87. QUANTITY		88. UNIT OF MEASURE		89. DATE		90. TIME	
1005 21 240		EA		2130		0003			
91. STOCK NUMBER		92. QUANTITY		93. UNIT OF MEASURE		94. DATE		95. TIME	
1005 21 240		EA		2130		0003			
96. STOCK NUMBER		97. QUANTITY		98. UNIT OF MEASURE		99. DATE		100. TIME	
1005 21 240		EA		2130		0003			

1. STOCK NUMBER: HHC 2-27 INF

2. QUANTITY: 1005 21 240

3. UNIT OF MEASURE: EA

4. DATE: 2130

5. TIME: 0003

6. STOCK NUMBER: 1005 21 240

7. QUANTITY: 1005 21 240

8. UNIT OF MEASURE: EA

9. DATE: 2130

10. TIME: 0003

11. STOCK NUMBER: 1005 21 240

12. QUANTITY: 1005 21 240

13. UNIT OF MEASURE: EA

14. DATE: 2130

15. TIME: 0003

16. STOCK NUMBER: 1005 21 240

17. QUANTITY: 1005 21 240

18. UNIT OF MEASURE: EA

19. DATE: 2130

20. TIME: 0003

21. STOCK NUMBER: 1005 21 240

22. QUANTITY: 1005 21 240

23. UNIT OF MEASURE: EA

24. DATE: 2130

25. TIME: 0003

26. STOCK NUMBER: 1005 21 240

27. QUANTITY: 1005 21 240

28. UNIT OF MEASURE: EA

29. DATE: 2130

30. TIME: 0003

31. STOCK NUMBER: 1005 21 240

32. QUANTITY: 1005 21 240

33. UNIT OF MEASURE: EA

34. DATE: 2130

35. TIME: 0003

36. STOCK NUMBER: 1005 21 240

37. QUANTITY: 1005 21 240

38. UNIT OF MEASURE: EA

39. DATE: 2130

40. TIME: 0003

41. STOCK NUMBER: 1005 21 240

42. QUANTITY: 1005 21 240

43. UNIT OF MEASURE: EA

44. DATE: 2130

45. TIME: 0003

46. STOCK NUMBER: 1005 21 240

47. QUANTITY: 1005 21 240

48. UNIT OF MEASURE: EA

49. DATE: 2130

50. TIME: 0003

51. STOCK NUMBER: 1005 21 240

52. QUANTITY: 1005 21 240

53. UNIT OF MEASURE: EA

54. DATE: 2130

55. TIME: 0003

56. STOCK NUMBER: 1005 21 240

57. QUANTITY: 1005 21 240

58. UNIT OF MEASURE: EA

59. DATE: 2130

60. TIME: 0003

59. DATE: 2130

60. TIME: 0003

61. STOCK NUMBER: 1005 21 240

62. QUANTITY: 1005 21 240

63. UNIT OF MEASURE: EA

64. DATE: 2130

65. TIME: 0003

66. STOCK NUMBER: 1005 21 240

67. QUANTITY: 1005 21 240

68. UNIT OF MEASURE: EA

69. DATE: 2130

70. TIME: 0003

71. STOCK NUMBER: 1005 21 240

72. QUANTITY: 1005 21 240

73. UNIT OF MEASURE: EA

74. DATE: 2130

75. TIME: 0003

76. STOCK NUMBER: 1005 21 240

77. QUANTITY: 1005 21 240

78. UNIT OF MEASURE: EA

79. DATE: 2130

80. TIME: 0003

79. DATE: 2130

80. TIME: 0003

81. STOCK NUMBER: 1005 21 240

82. QUANTITY: 1005 21 240

83. UNIT OF MEASURE: EA

84. DATE: 2130

85. TIME: 0003

86. STOCK NUMBER: 1005 21 240

87. QUANTITY: 1005 21 240

88. UNIT OF MEASURE: EA

89. DATE: 2130

90. TIME: 0003

89. DATE: 2130

90. TIME: 0003

91. STOCK NUMBER: 1005 21 240

92. QUANTITY: 1005 21 240

93. UNIT OF MEASURE: EA

94. DATE: 2130

95. TIME: 0003

96. STOCK NUMBER: 1005 21 240

97. QUANTITY: 1005 21 240

98. UNIT OF MEASURE: EA

99. DATE: 2130

100. TIME: 0003