

C6348789

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Remington ®		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6348789	UPC  0 47700 25716 7
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	



5716 C6348789

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

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

naglelj

8/1/2006

7:32 AM

CAPS

NUM

INS

SCRL

start

2 Micros...

Part Search...

5 Intern...

RAC0179...

Arms Servi...

8:22 AM

Convert to
A2's
Jd

Serial Number: C6348789

Model: M24 SWS



RE00115163

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	115163	A-2		
SERIAL NUMBER	C6348789			
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	9-20-06	RTZ	
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		11-11-06	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

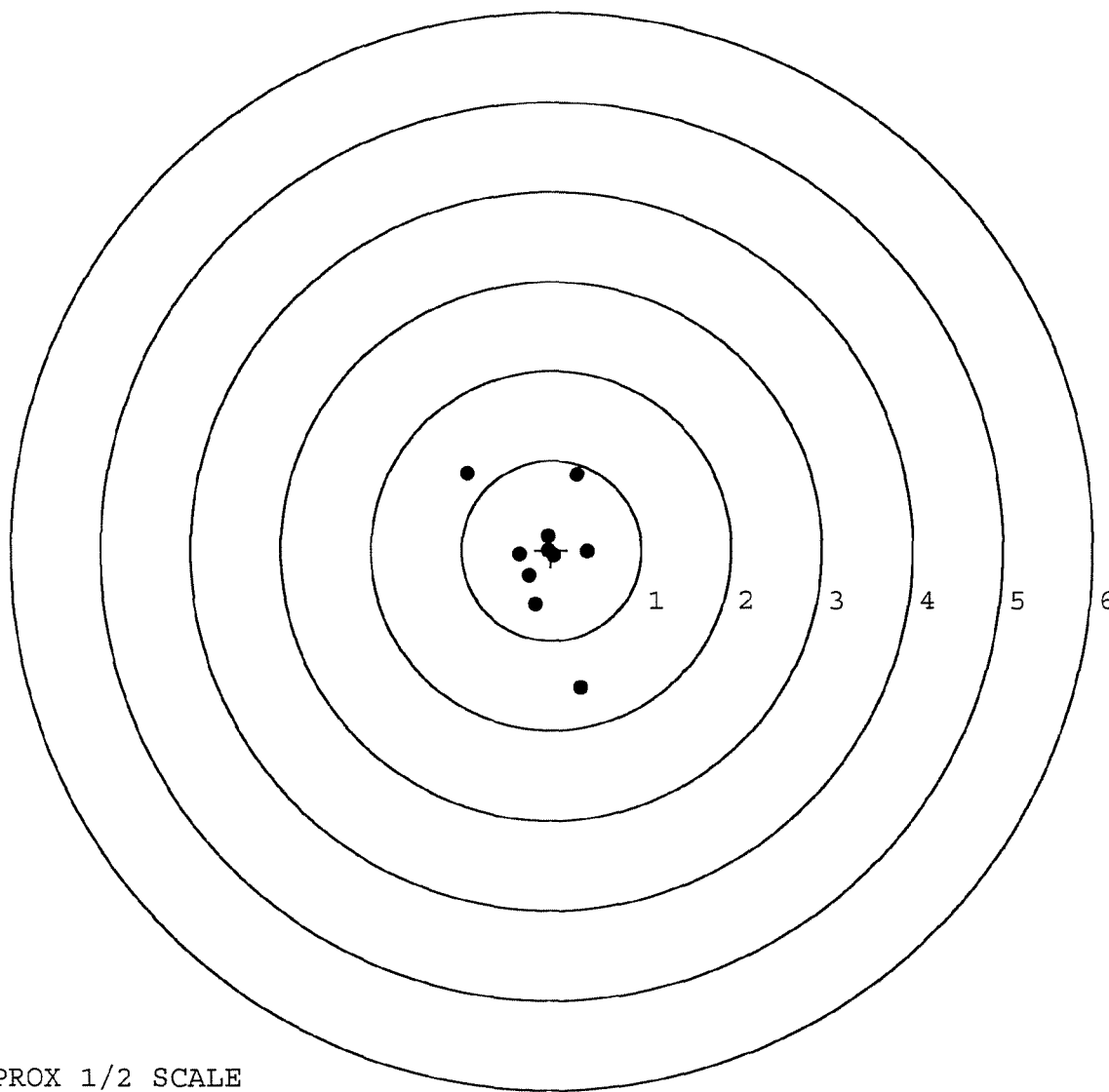
The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.117
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.656
The Distance from POA to Centroid Target #1:	0.103
The Distance from Centroid Target #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

BARBER - M24 0064031

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



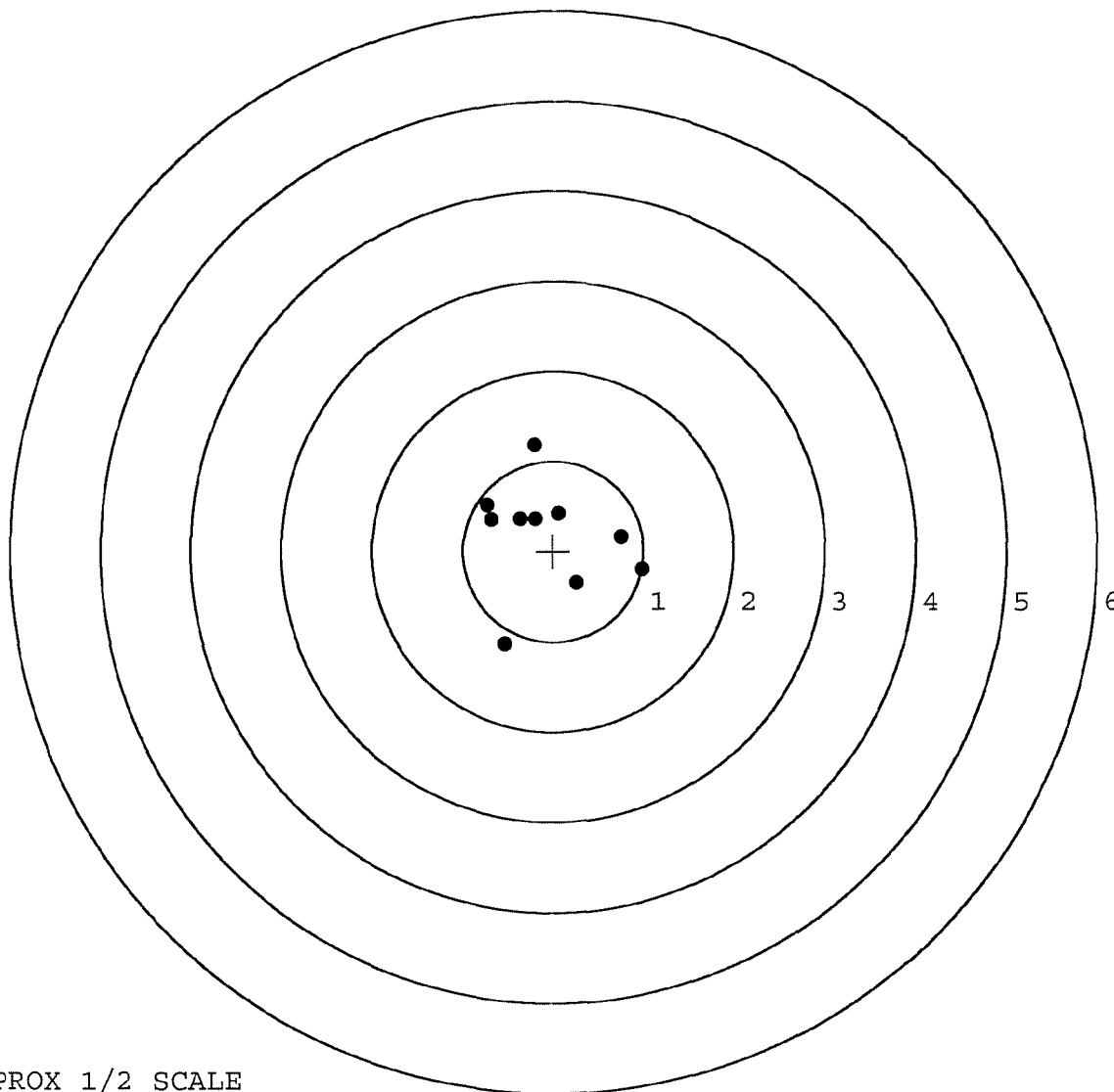
TARGET APPROX 1/2 SCALE

BARBER - M24 0064032

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



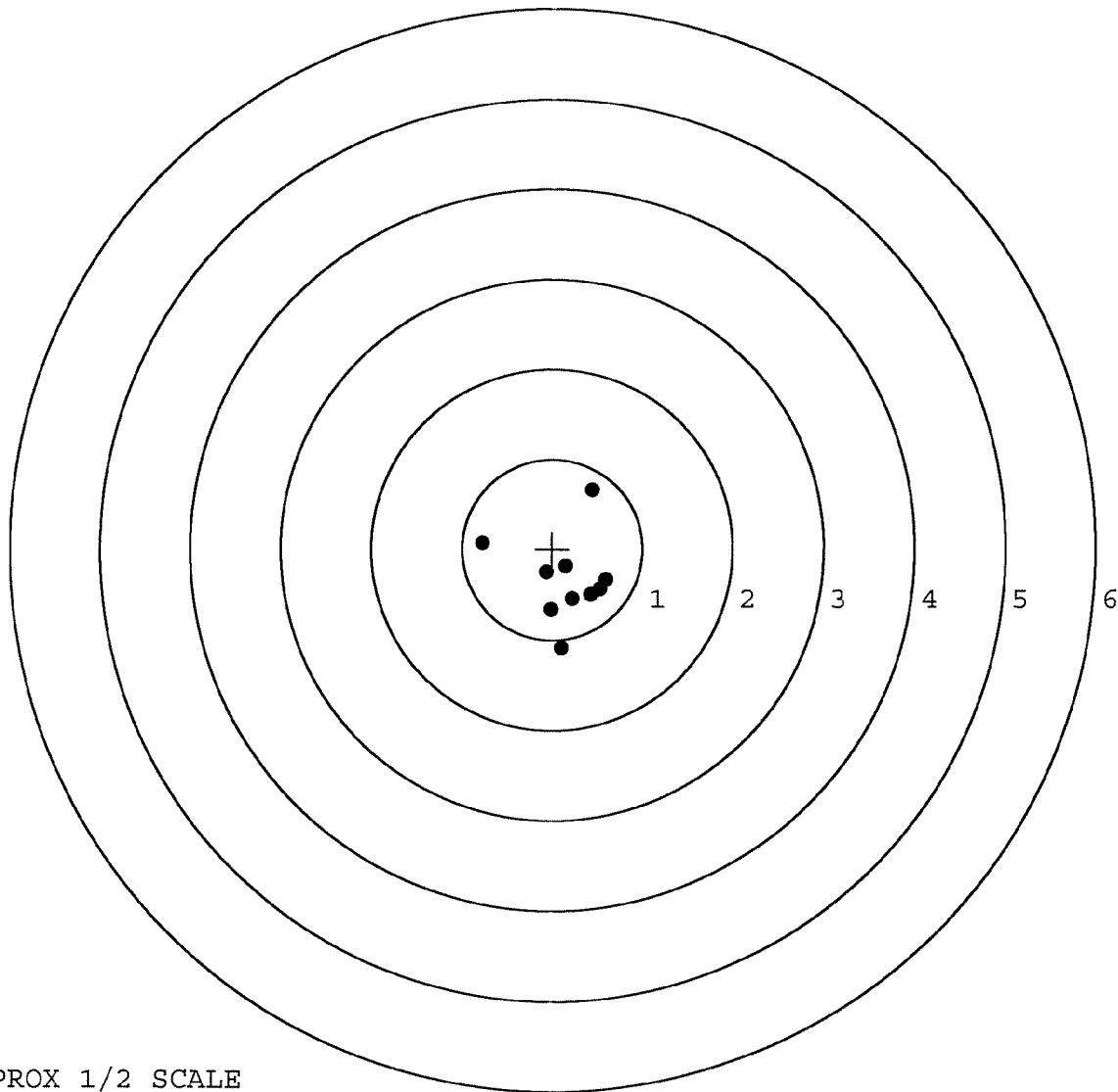
TARGET APPROX 1/2 SCALE

BARBER - M24 0064033

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

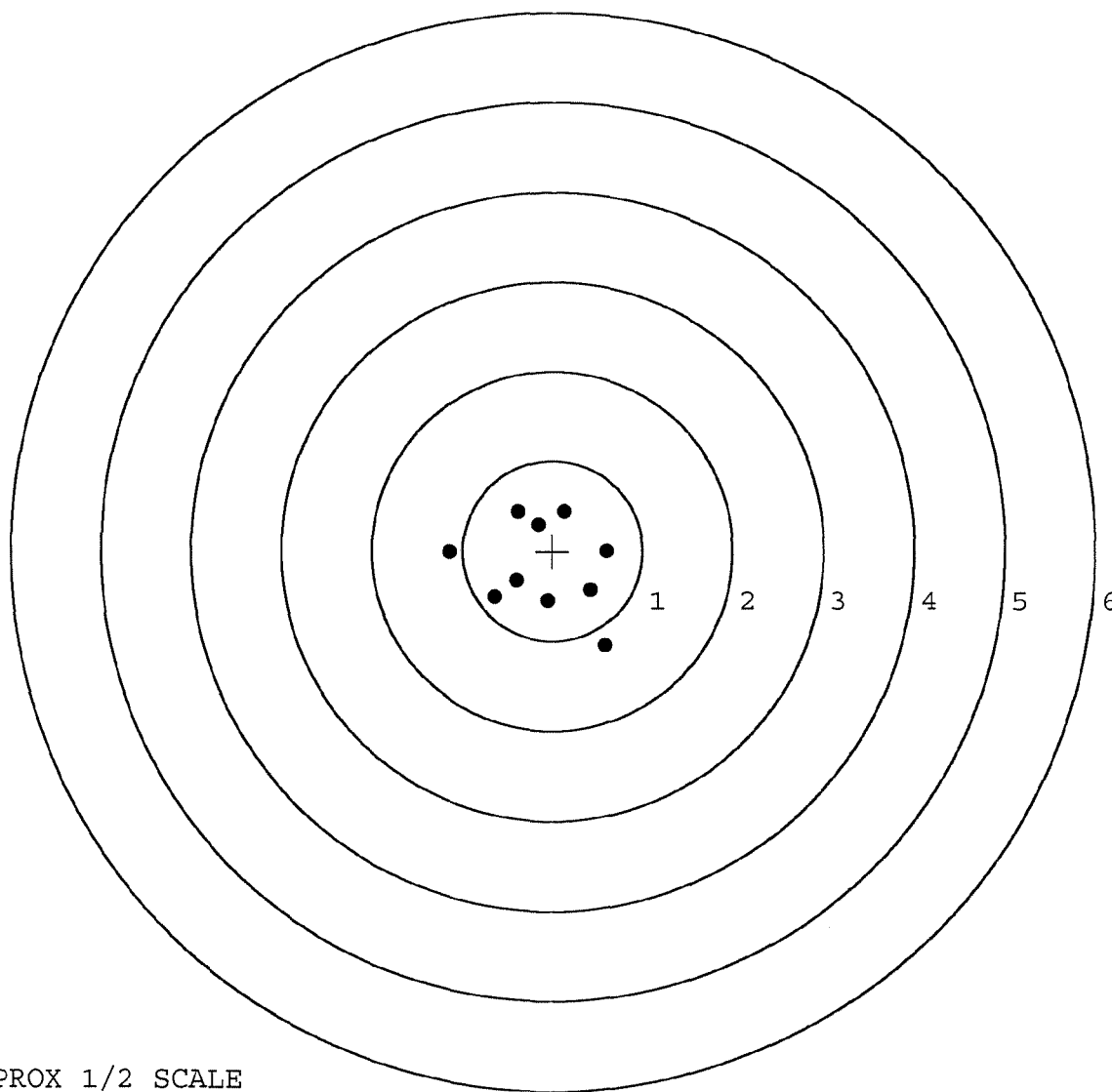


TARGET APPROX 1/2 SCALE

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

BARBER - M24 0064035

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

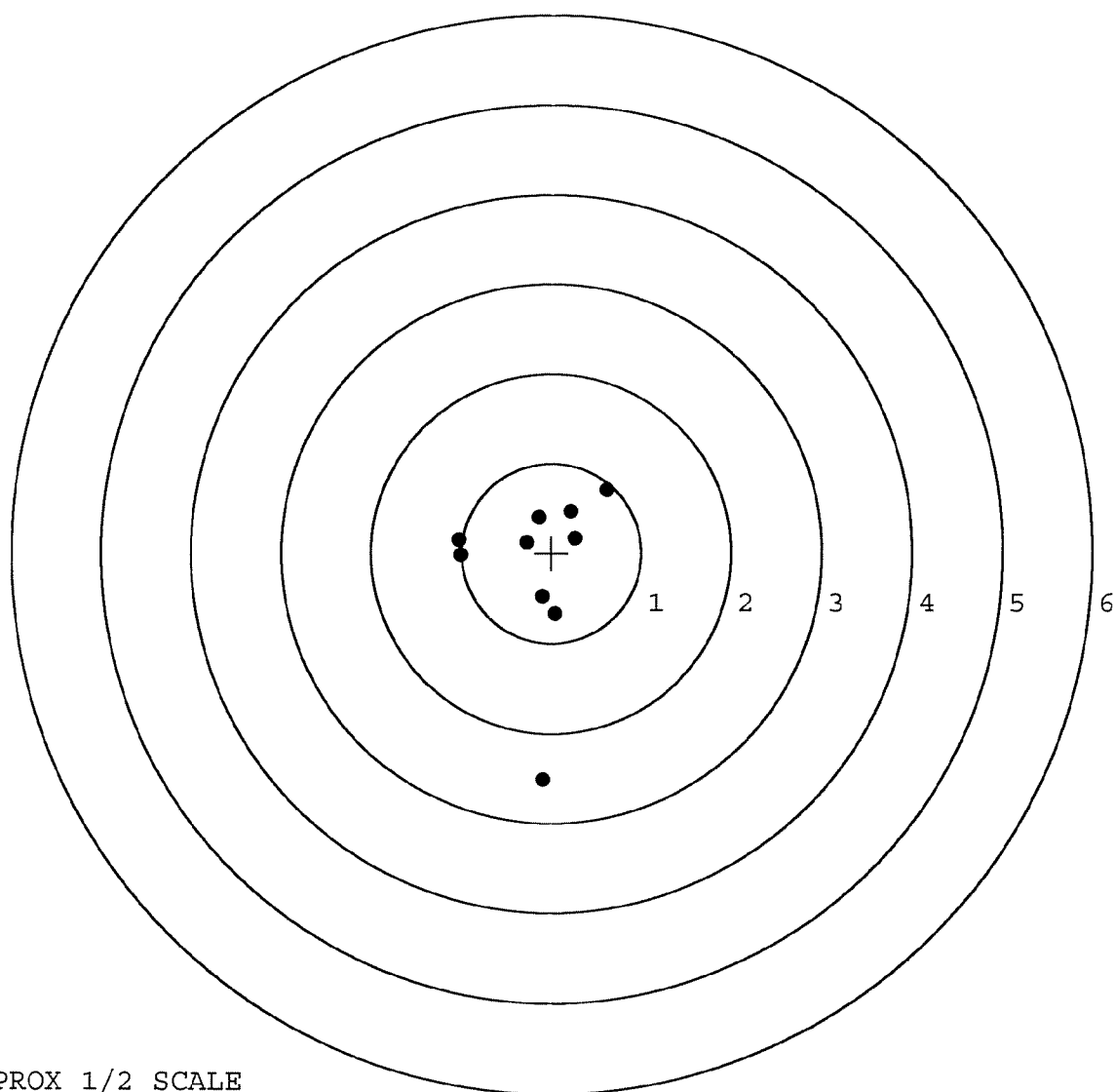
MAX RADIUS: 2.347

MEAN RADIUS: 0.834

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

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	YD
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	JD

BARBER - M24 0064039

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

TIME

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348789DATE 10 Jan 80TESTER 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

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

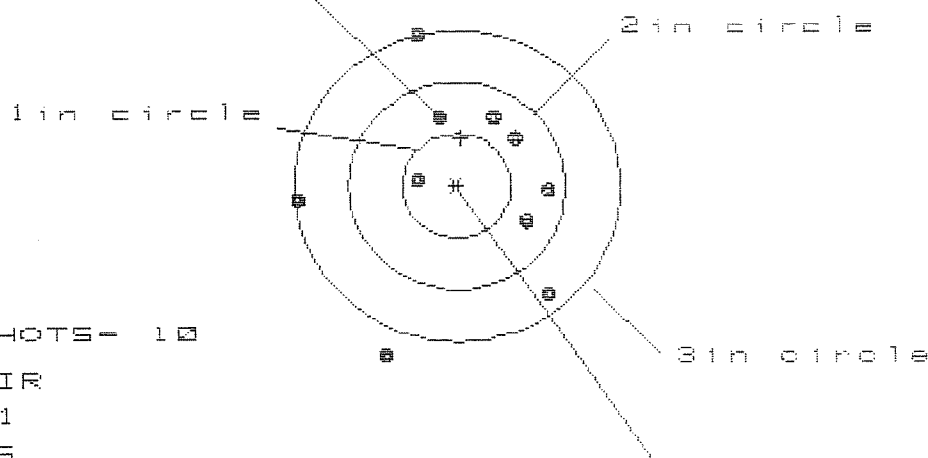
THE AMR FOR THIS RIFLE IS: 1.146

28 Feb 1998

FILE:/PATTERNING/CENTERFIRE_PATT/063487B9

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.281

VS= 3.046

GS= 3.065

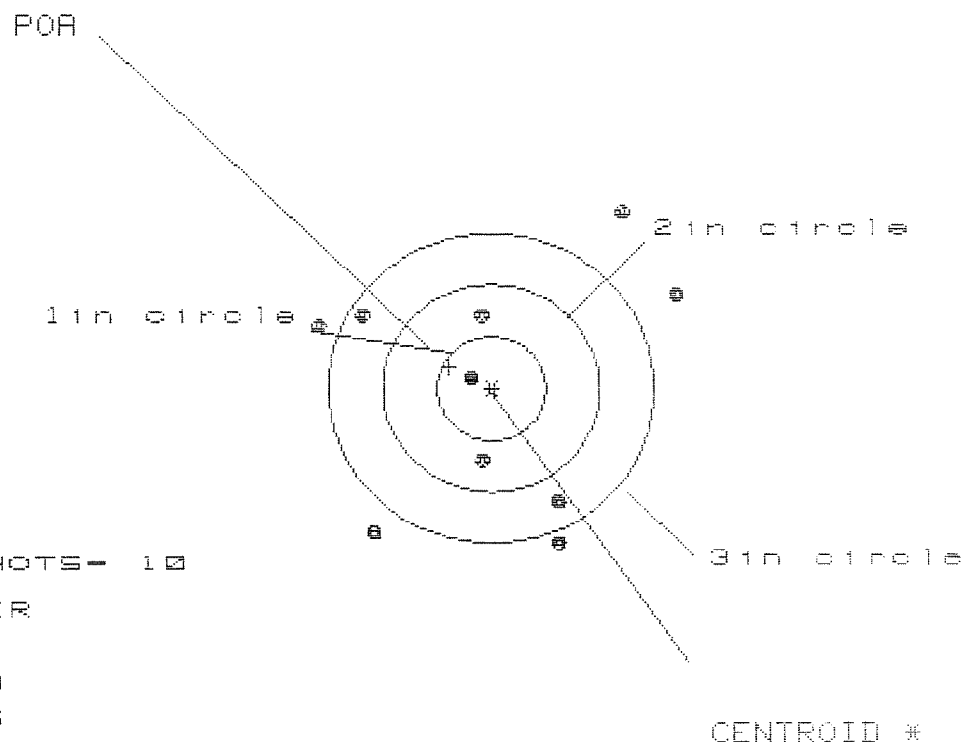
CENTROID *

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

1 in = 1

2 in = 3

3 in = 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

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 7

HS= 3.449

VS= 3.541

GS= 3.589

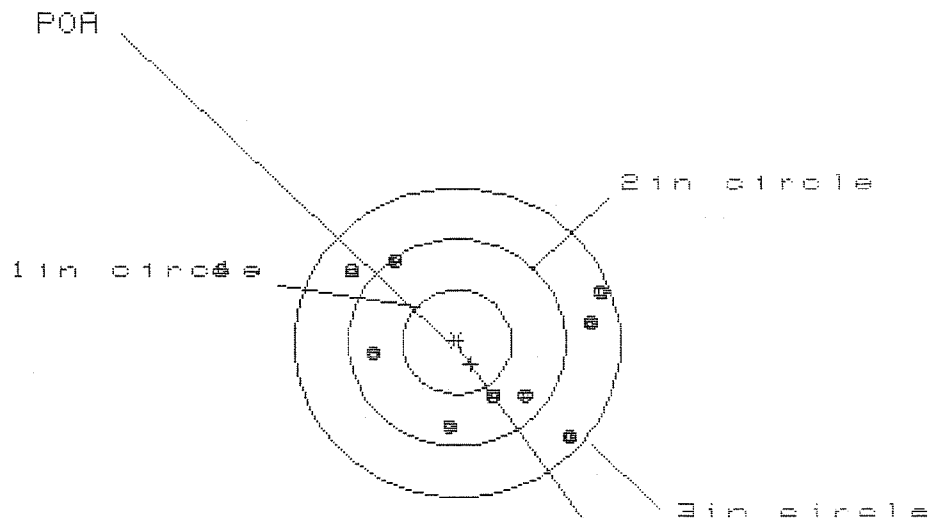
CENTROID #

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

20 Feb 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08348789

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 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

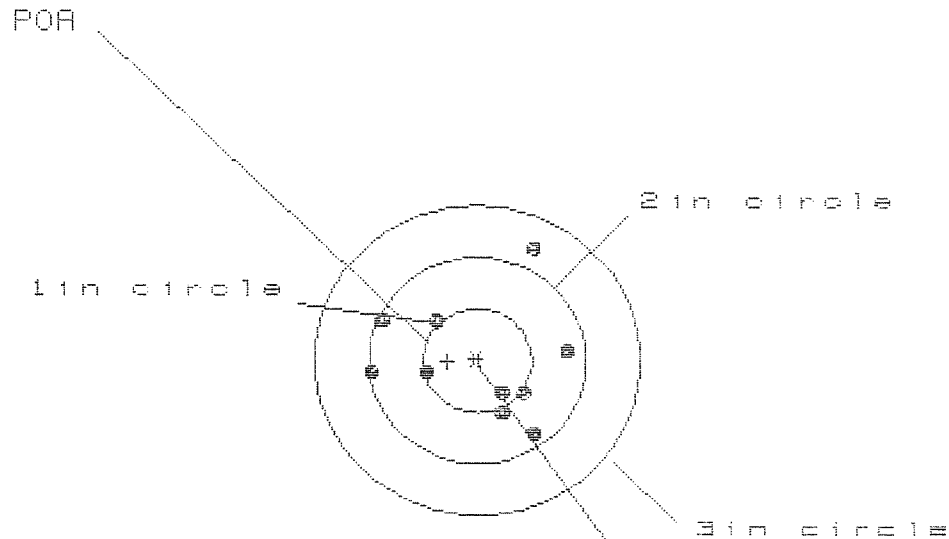
2.45" <----POA

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

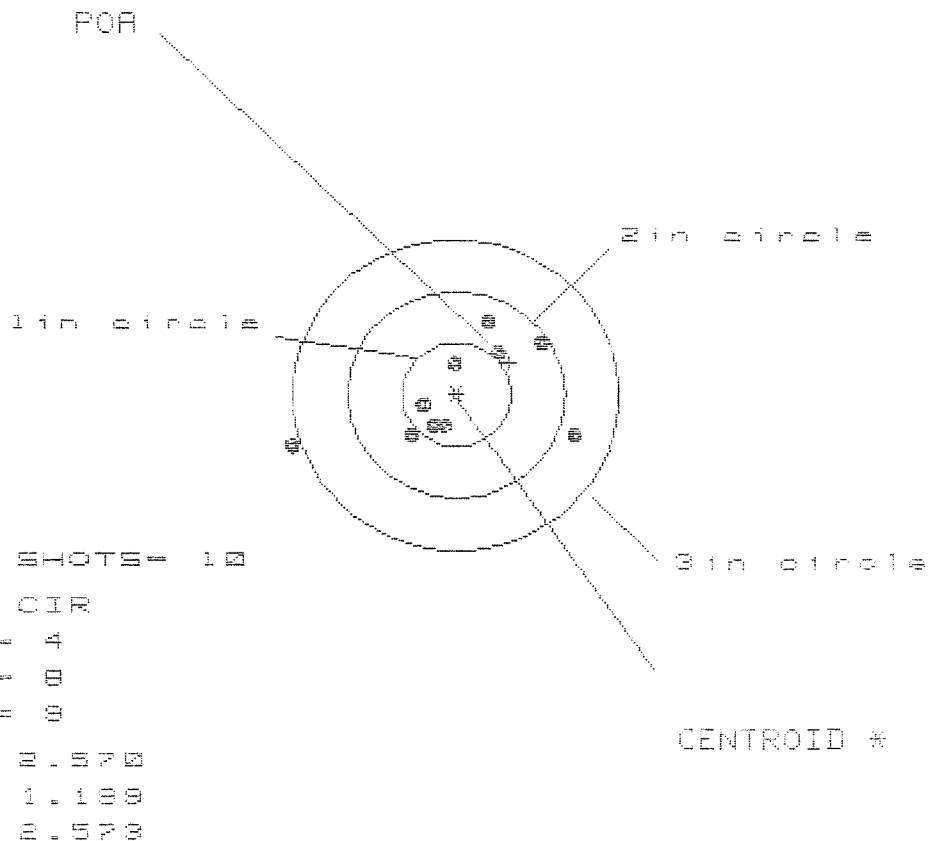
CENTROID #

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

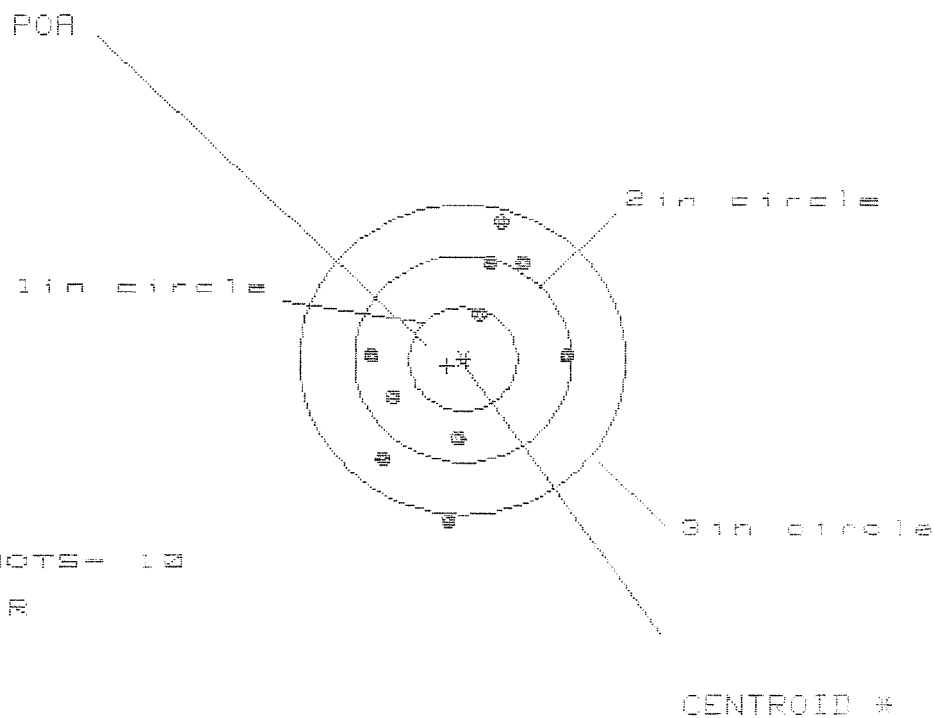


PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.083	.917	.700
MINIMUM X	-1.487	-.575	-.460
MAXIMUM Y	.688	.631	.577
MINIMUM Y	-.511	-.434	-.488
CENTROID X	-.488	-.322	-.437
CENTROID Y	-.307	-.250	-.196
POA TO CENTROID in.	.576	.408	.479
MIN RADIUS	.275	.279	.175
MEAN RADIUS	.672	.581	.501
MAX RADIUS	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/08348789.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HE= 1.782

VS= 2.977

GE= 3.010

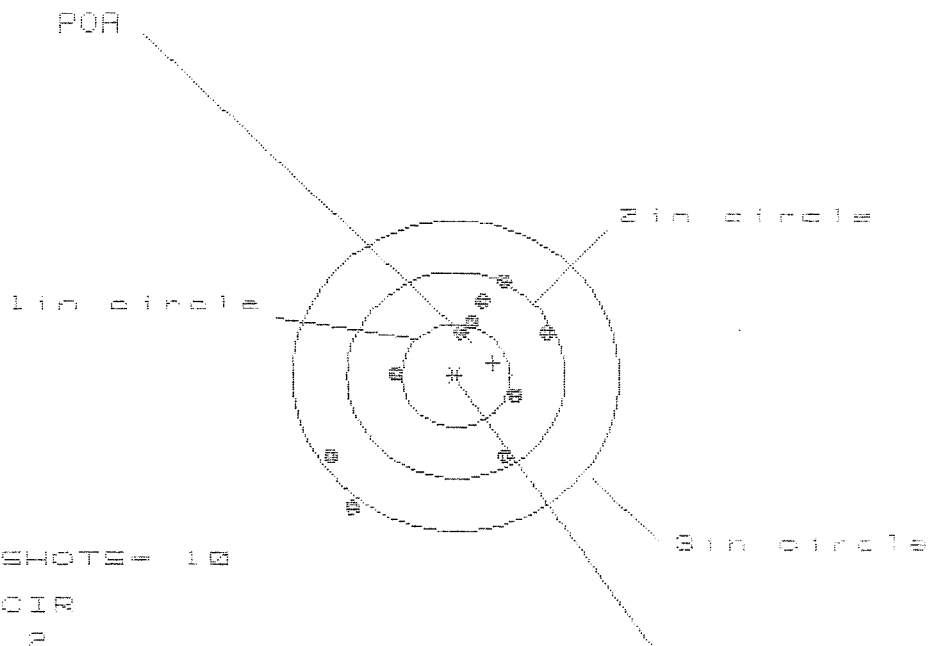
PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.932	.973
MINIMUM X	-.838	-.850	-.809
MAXIMUM Y	1.373	1.195	.937
MINIMUM Y	-1.604	-1.181	-1.032
CENTROID X	.147	.159	.118
CENTROID Y	.064	.242	.093
POA TO CENTROID in.	.160	.290	.151
MIN RADIUS	.441	.276	.426
MEAN RADIUS	1.004	.915	.876
MAX RADIUS	1.608	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

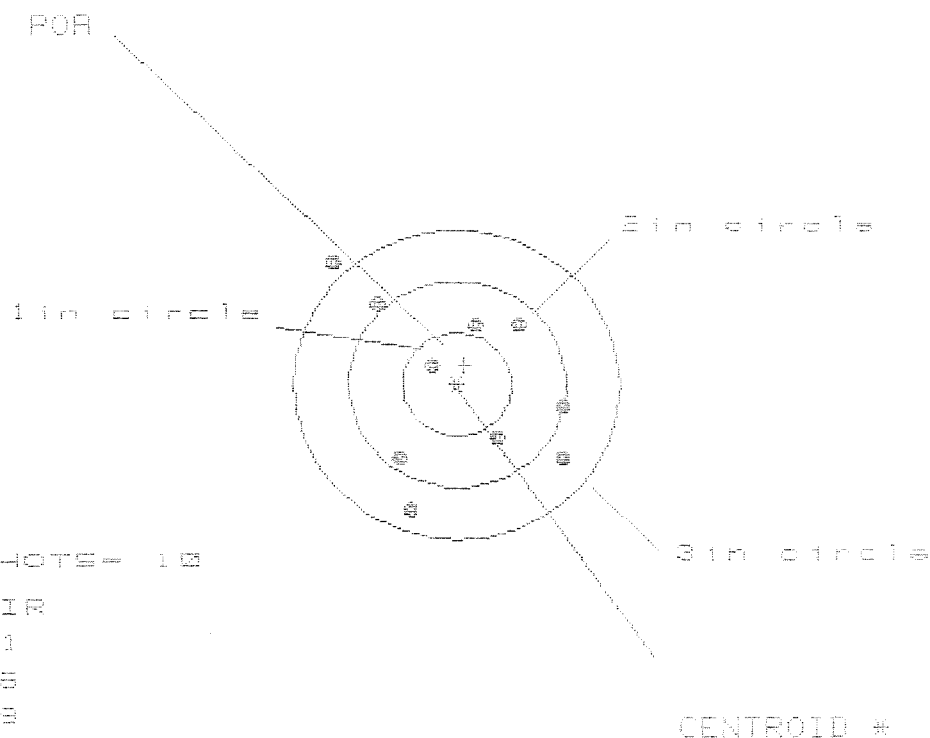
CENTROID *

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/C63487B9.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 15

IN CIR

1 in = 1

2 in = 5

3 in = 9

US= 2.058

VS= 2.391

GS= 2.754

PATTERN #	10	9	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	-.896
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	1.204
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		

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.O.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE _____

FROM 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			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

REPAIRMAN <i>RW</i>	PROOF <i>L</i>	CLEAN <i>L</i>	TEST <i>—</i>	TARGET <i>—</i>	PATTERN
GALLERY TESTER <i>RW</i>	DATE	DATE	DATE <i>7/20/98</i>	DATE <i>7/20/98</i>	DATE

OFFICE COPY

FD-6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0064833~~ **M2400064092**

BARBER - M24 0064054

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

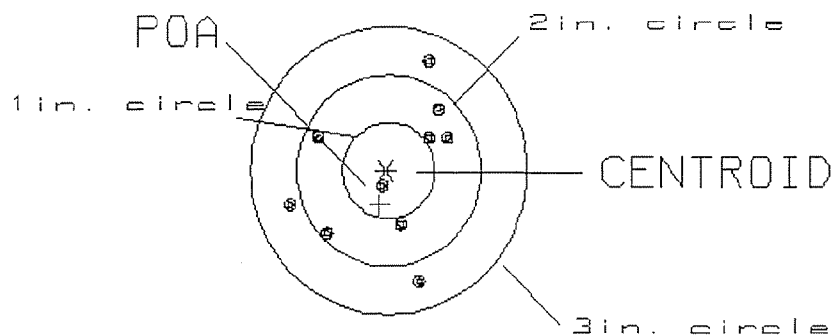
PATTERN #: 1

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

1

VS= 2.31

7

GS= 2.32

10

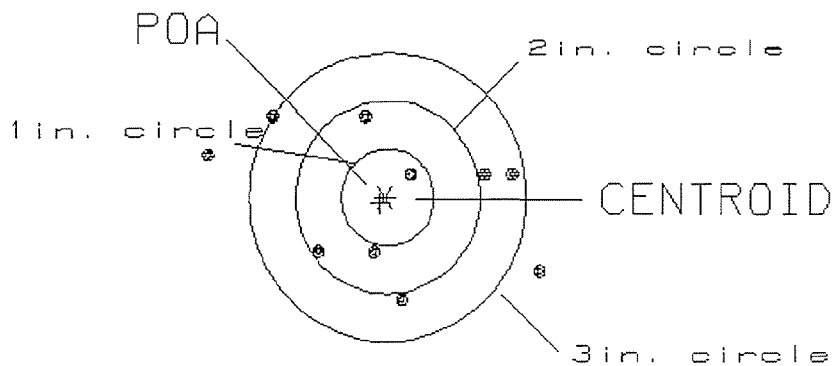
PATTERN #: 2

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

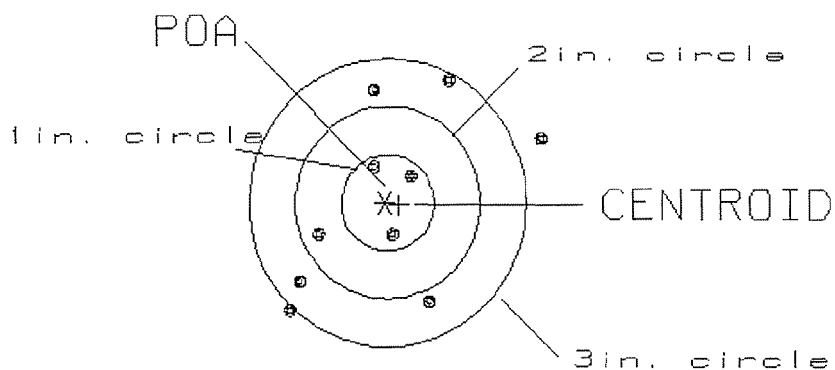
PATTERN #: 3

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

3

VS= 2.36

4

GS= 3.31

8

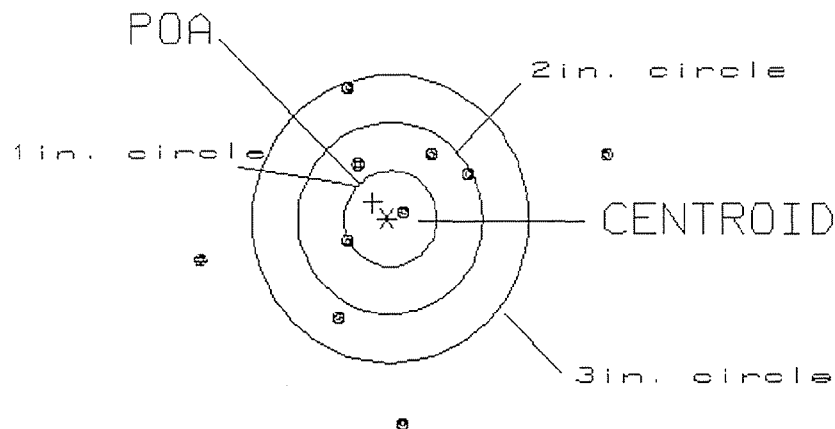
PATTERN #: 4

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

BARBER - M24 0064059

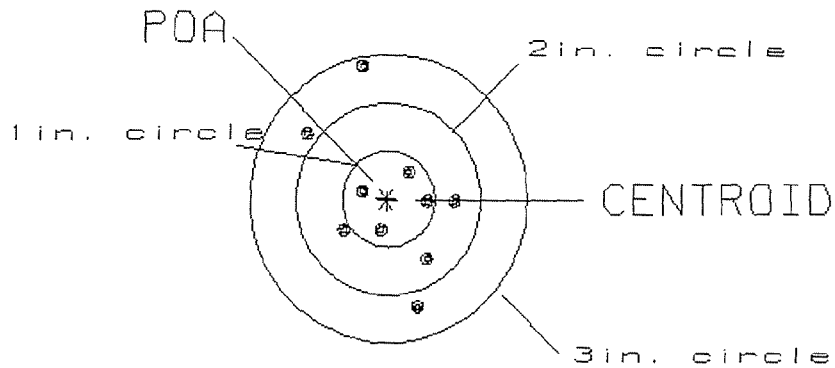
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

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

