

C6349098

MODEL 700™ M24

Model **SMS**™

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: **RE00112579** Serial: C6349098 Model M24 SWS Center Fire
 Caliber: 7.62 NATO Produced: 06/19/1990 Repairman: Status: Closed 5/19/2006 9:47:13 AM

Verify Repair: ☐

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPOTATION OFFICER** **TRANSPOTATION OFFICER**

Address 1: **ANNISTON ARMY DEPOT** **ANNISTON ARMY DEPOT**

Address 2: **EXIT BYNUM AL 36253** PO Box: **EXIT BYNUM AL 36253** PO Box: **ANNISTON**

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **36201** Country: **US** State: **AL** Zip Code: **36201** 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			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
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

negletl 5/23/2005 7:25 AM CAPS NUM INS SCRL

start 2 Micr... Microsof... 2 Inter... Part Sea... Arms Se... 7:25 AM

Serial Number: **C6349098**
 Model: **M24 SWS**

RE00112579

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)

DATE 6-1-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	254	252		262	
PULL #2	251	257		258	
PULL #3	251	261		261	
PULL #4	247	260		265	
PULL #5	247	255		248	
TOTAL	1244	1285		1294	
AVERAGE	248	257		258	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	321	305		
PULL #2	313	312		
PULL #3	305	315		
PULL #4	303	310		
PULL #5	314	312		
TOTAL	1556	1554		
AVERAGE	311	310		

	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	417	416		406
PULL #2	410	410		407
PULL #3	410	402		416
PULL #4	409	403		410
PULL #5	399	413		422
TOTAL	2045	2044		2061
AVERAGE	409	408		412

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349098.___0
FILE DATE AND TIME: 06/09/2006 17:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.074
The Average Y Centroid of the Five Target Set:	0.132
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.889
The Distance from POA to Centroid Target #1:	0.377
The Distance from Centroid Target #2 to Centroid Target #1:	0.307
The Distance from Centroid Target #3 to Centroid Target #1:	0.309
The Distance from Centroid Target #4 to Centroid Target #1:	0.315
The Distance from Centroid Target #5 to Centroid Target #1:	0.530

SERIAL NUMBER: C6349098. __0

TARGET NUMBER: 1

FILE DATE: 06/09/2006

FILE TIME: 17:08

X CENTROID: 0.346

Y CENTROID: 0.148

POA TO CENTROID: 0.377

HORZ SPREAD: 3.038

VERT SPREAD: 3.139

GROUP SPREAD: 4.020

MIN RADIUS: 0.299

MAX RADIUS: 2.462

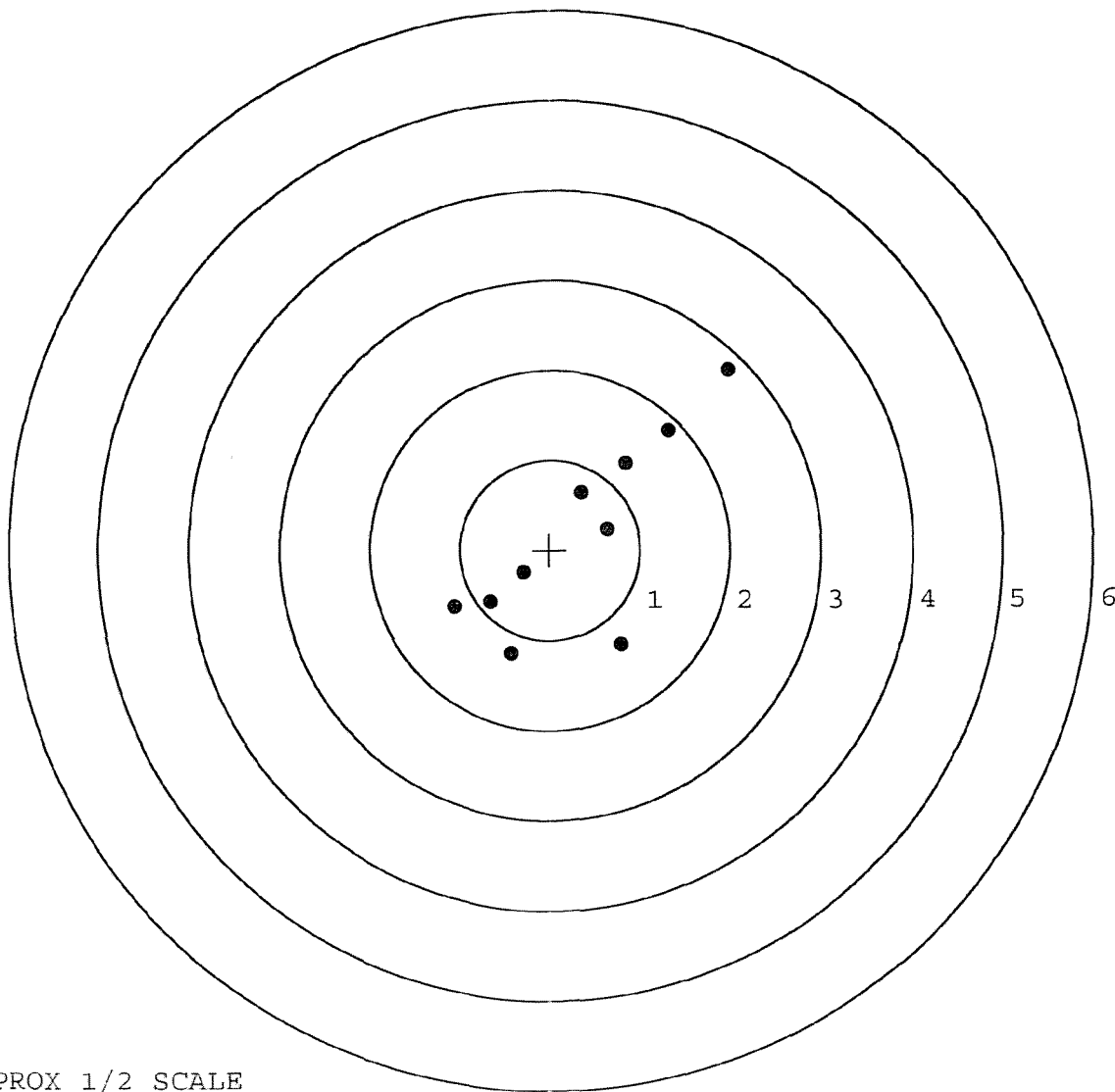
MEAN RADIUS: 1.213

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	1.975	1.995
2:	1.315	1.320
3:	0.846	0.961
4:	0.349	0.636
5:	0.634	0.231
6:	0.800	-1.050
7:	-0.431	-1.144
8:	-1.063	-0.637
9:	-0.663	-0.580
10:	-0.297	-0.252



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098. 0

TARGET NUMBER: 2

FILE DATE: 06/09/2006

FILE TIME: 17:08

POINT#	X	Y
1:	0.635	1.947
2:	1.710	-0.137
3:	0.793	-0.770
4:	0.016	-0.790
5:	-0.648	-0.231
6:	-0.773	0.040
7:	-1.214	0.013
8:	-0.302	0.783
9:	0.047	0.343
10:	0.166	0.729

X CENTROID: 0.043

Y CENTROID: 0.193

POA TO CENTROID: 0.197

HORZ SPREAD: 2.924

VERT SPREAD: 2.737

GROUP SPREAD: 2.806

MIN RADIUS: 0.150

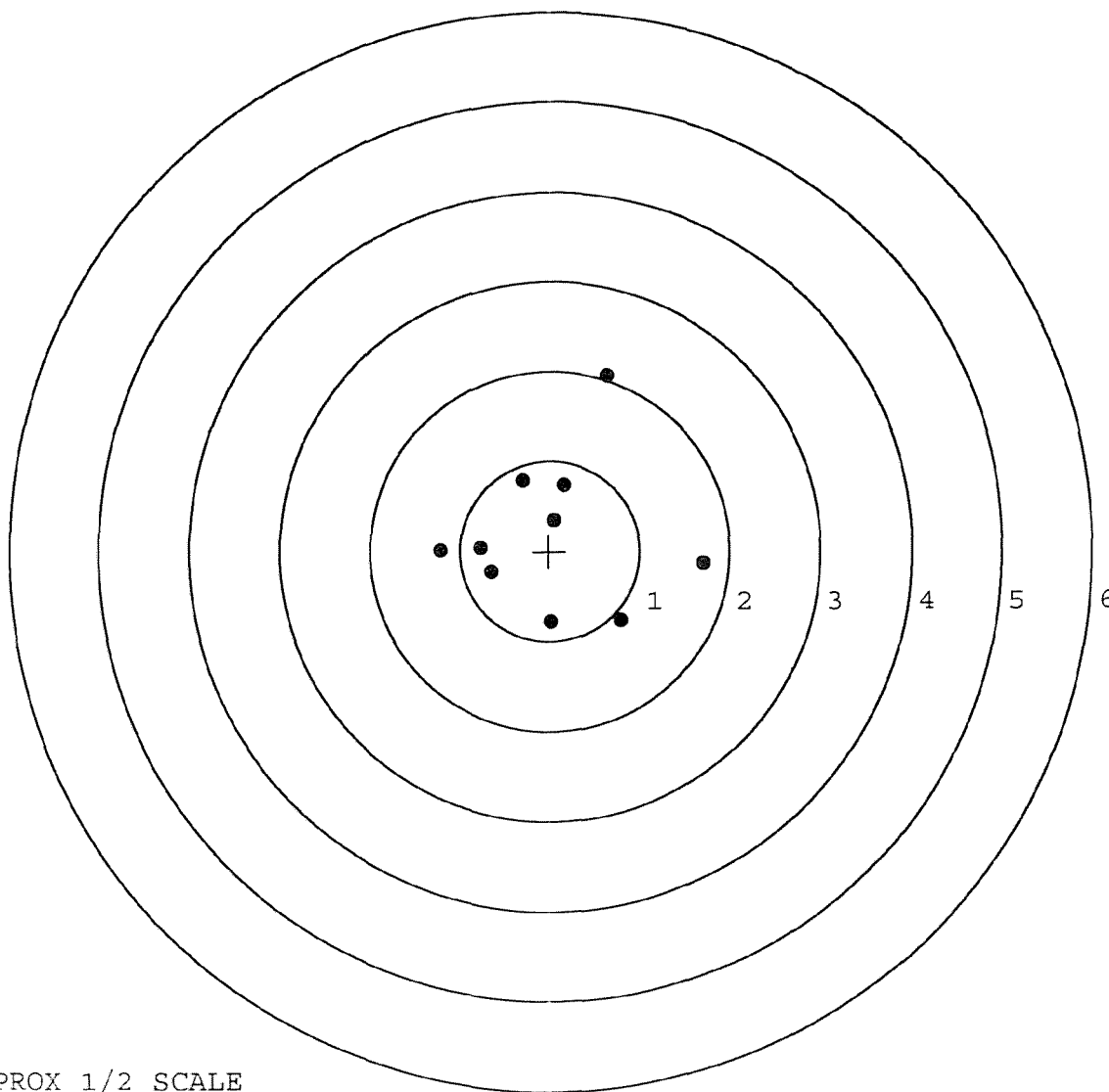
MAX RADIUS: 1.851

MEAN RADIUS: 1.005

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

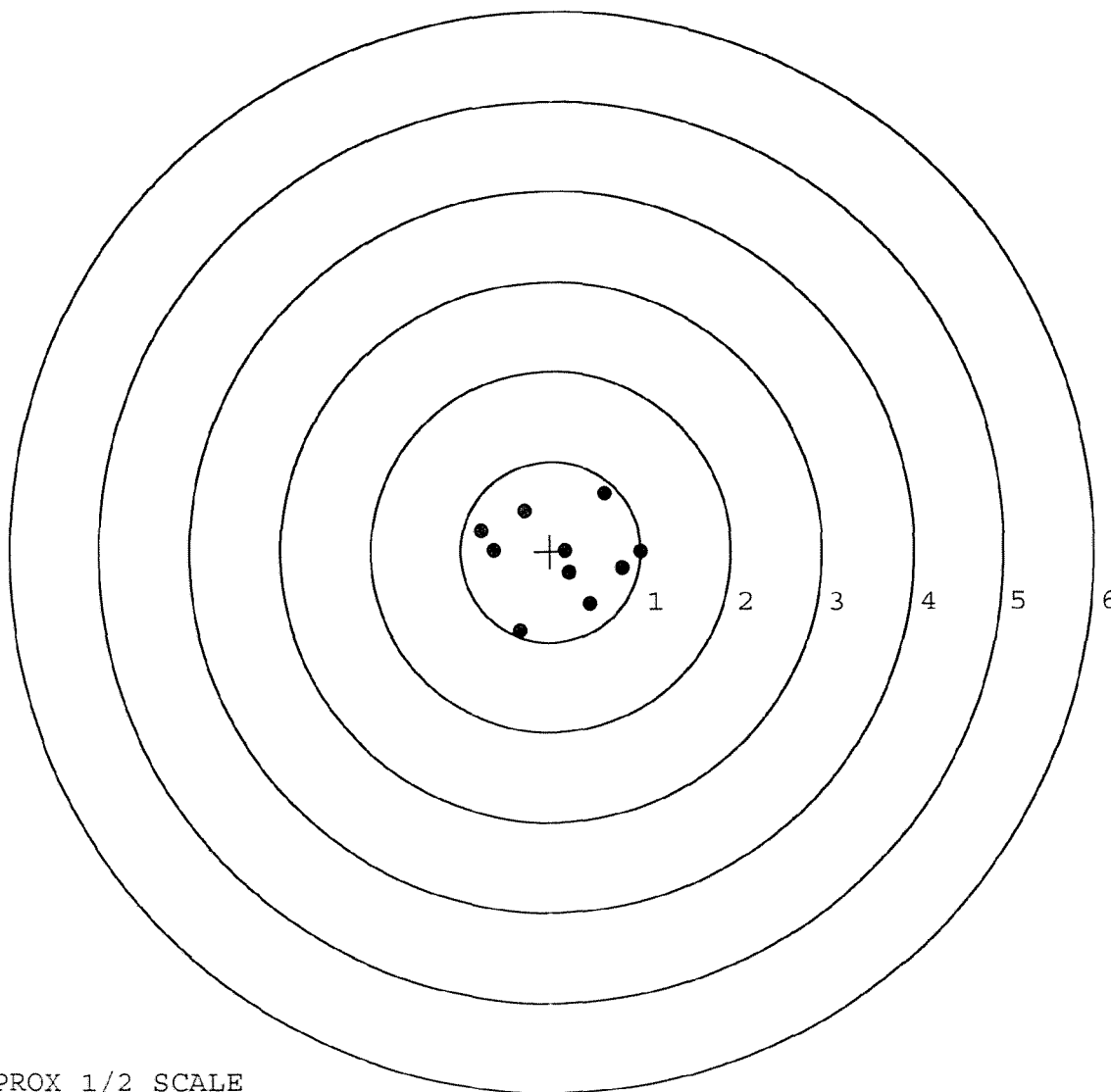


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098.___0
TARGET NUMBER: 3
FILE DATE: 06/09/2006
FILE TIME: 17:08

POINT#	X	Y
1:	-0.629	0.010
2:	-0.769	0.226
3:	-0.297	0.453
4:	-0.346	-0.878
5:	0.595	0.640
6:	1.000	-0.008
7:	0.797	-0.193
8:	0.436	-0.584
9:	0.208	-0.240
10:	0.162	-0.003

X CENTROID: 0.116
Y CENTROID: -0.058
POA TO CENTROID: 0.129
HORZ SPREAD: 1.769
VERT SPREAD: 1.518
GROUP SPREAD: 1.786
MIN RADIUS: 0.072
MAX RADIUS: 0.941
MEAN RADIUS: 0.659
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

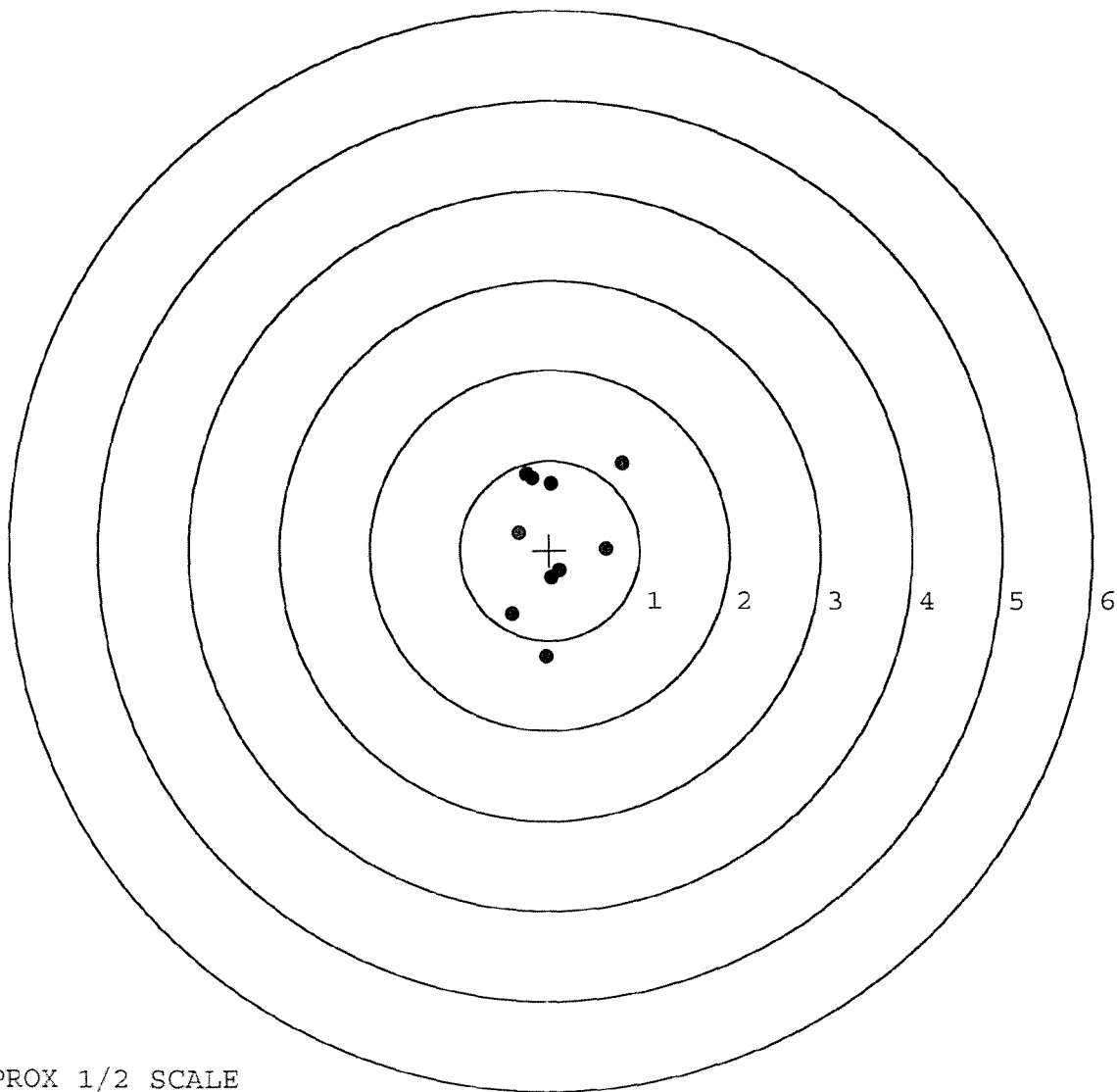
SERIAL NUMBER: C6349098. 0

TARGET NUMBER: 4

FILE DATE: 06/09/2006

FILE TIME: 17:08

	POINT#	X	Y
	1:	-0.264	0.848
	2:	0.009	0.741
	3:	0.804	0.968
	4:	0.628	0.026
	5:	-0.342	0.197
	6:	0.032	-0.312
	7:	0.114	-0.233
	8:	-0.413	-0.716
	9:	-0.032	-1.189
	10:	-0.201	0.802
X CENTROID:		0.033	
Y CENTROID:		0.113	
POA TO CENTROID:		0.118	
HORZ SPREAD:		1.217	
VERT SPREAD:		2.157	
GROUP SPREAD:		2.313	
MIN RADIUS:		0.355	
MAX RADIUS:		1.304	
MEAN RADIUS:		0.731	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		8	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349098. 0

TARGET NUMBER: 5

FILE DATE: 06/09/2006

FILE TIME: 17:08

POINT#	X	Y
1:	-0.901	1.476
2:	-0.662	1.231
3:	-0.251	1.481
4:	0.037	0.466
5:	-0.397	0.022
6:	-0.250	-0.227
7:	0.011	-0.749
8:	0.459	-0.812
9:	0.626	-0.328
10:	-0.371	0.093

X CENTROID: -0.170

Y CENTROID: 0.265

POA TO CENTROID: 0.315

HORZ SPREAD: 1.527

VERT SPREAD: 2.293

GROUP SPREAD: 2.662

MIN RADIUS: 0.265

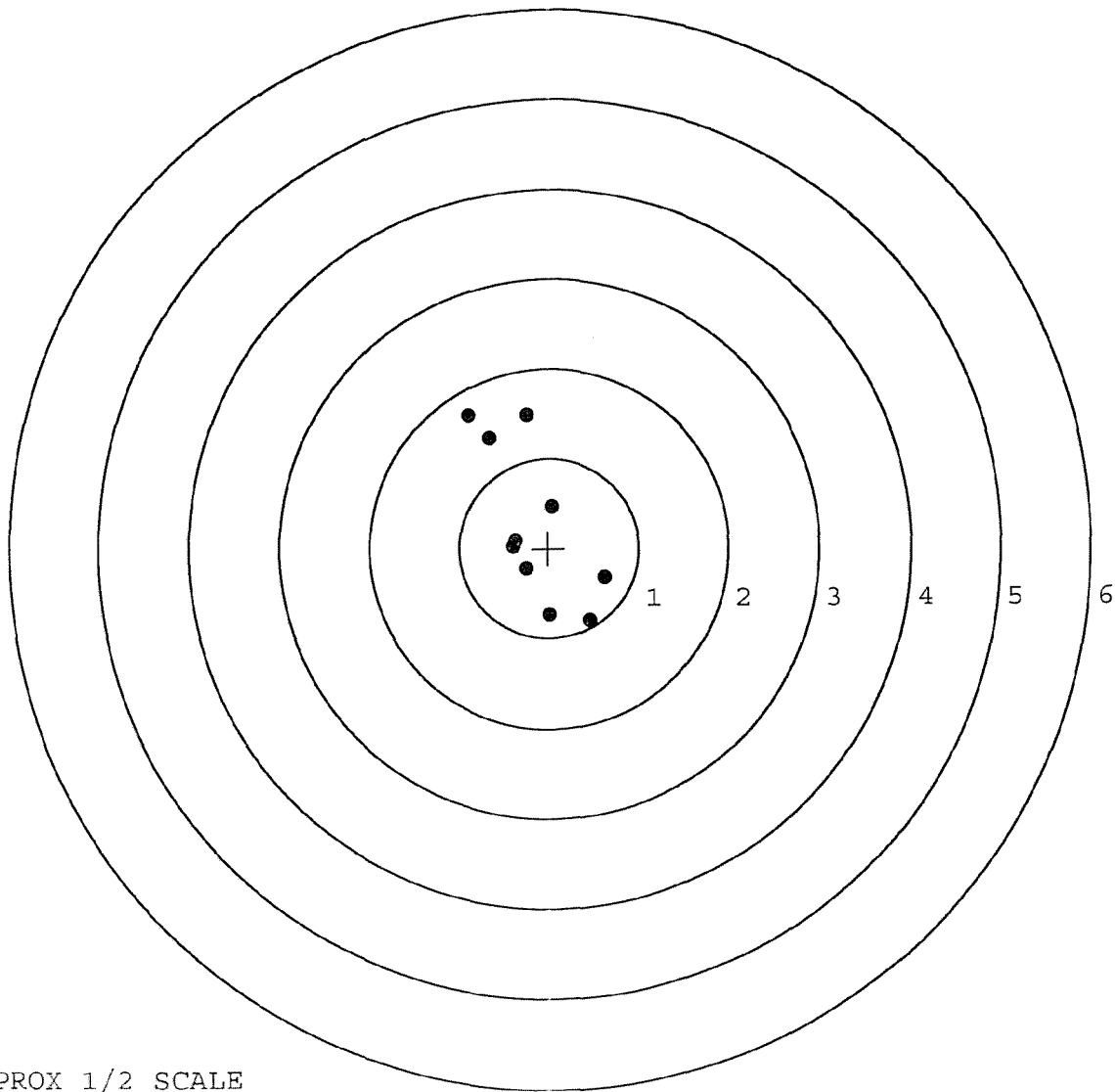
MAX RADIUS: 1.414

MEAN RADIUS: 0.837

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112579			
SERIAL NUMBER	C6349098			
LOG-IN DATE	5-19-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	5-30-06	RTZ	
505	RE-BARREL	6-1-06	RTZ	
560	ASSEMBLE	6-1-06	RTZ	
600	PROOF	6-1-06	TRW	
605	CHECK HEADSPACE	6-3-06	APD	
610	DIS-ASSEMBLE GUN	6-2-06	RTZ	
612	MAGNAFLUX			
510	DRILL AND TAP	6-2-06	TRW	
615	ROLLMARK CALIBER	6-2-06	CW	
618	ROTO-BLAST	6-5-06	NB	
620	APPLY COATINGS	6-7-06	TS	
625	FINAL ASSEMBLY	6-9-06	RTZ	
640	FUNCTION TEST AND	PASS FAIL	6-9-06 L.P.D.	
650	TARGET	PASS FAIL	6-9-06 L.P.D.	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		6-20-06 L.P.D.	
	A) HEADSPACE	PASS FAIL	6-20-06 L.P.D.	
	B) TRIGGER PULL			
680	F) SAFETY ON FORCE			
	G) SAFETY OFF FORCE			
	I) FIRING PIN INDENT	.020		
690	PACK		7-2-06	




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

MODEL 700™ H24

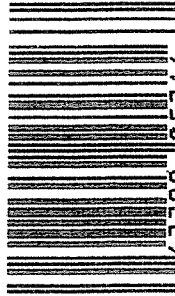
SERIAL NO.
C6349098

ORDER NO.
5716

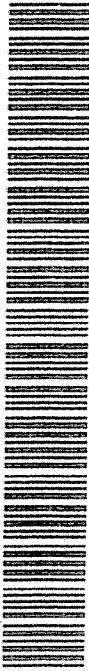
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01

UPC



0 47700 25716 7



5716 C6349098

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349098

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 90		RW
600	Proof	4 12 90		K
607	Check Headspace	4 12 90		K
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		GL
617	Drill and Tap Sight Holes		4/23/90	FB
618	Polish Barrel <i>PB</i>		4/24/90	WB
620	Apply Coatings (Barrel Action)		4/25/90	HA
	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		5/14/90	PL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/15/90	9H
	G) Safety Off Force	3	3	3			5/15/90	9H
	H) Trigger Pull Test & Retainability						5/14/90	9H
	I) Firing Pin Indent	.023	.023	.023			5/15/90	9H
	J) Assemble Stock						5/15/90	RW
	K) Assemble Swivel Studs						5/15/90	
	L) Attach Front and Rear Sight Assemblies						5/15/90	RW
	M) Iron Sight Alignment						5/15/90	RW
	N) Detach Front & Rear Sights & place in numbered container						5/15/90	RW
	O) Attach Scope to Rifle						5/15/90	9H
	P) Detach & Attach Scope 20 Times						5/15/90	9H
640	Gallery Target & Test						5-17-90	DH
	A) Time						5-17-90	DH
	B) Malfunctions						5-17-90	DH
	C) Pierced Primers						5-17-90	DH
	D) Optical Clarity of Scope						5-17-90	DH
645	Inspect for Live Ammo						5-17-90	DH
655	Final Inspection							
	A) Headspace						25/May/90	9H
	B) Trigger Pull	2.28	2.28	2.28	2.30	2.33	5/17/90	W.B
	C) Function						25/May/90	9H
660	Pack						6-19-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 06349098
DATE 5/14/90
TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.44	2.50	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.33	2.17	2.28	
PULL #3	2.41	2.39	2.23	2.28	
PULL #4	2.32	2.46	2.20	2.30	
PULL #5	2.42	2.44	2.15	2.33	
TOTAL	12.11	12.06	11.25		
AVG.	2.422	2.412	2.25		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.34		
PULL #2	3.36	3.40		
PULL #3	3.34	3.47		
PULL #4	3.34	3.40		
PULL #5	3.34	3.42		
TOTAL	16.79	17.03		
AVG.	3.358	3.406		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.26		4.41
PULL #2	4.25	4.29		4.09
PULL #3	4.32	4.27		4.13
PULL #4	4.26	4.22		4.14
PULL #5	4.26	4.28		4.14
TOTAL	21.40	21.32		20.91
AVG.	4.28	4.264		4.182

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349098
18 May 1990

CENTROIDAL DISTANCES

0 TO	1	.306992
1 TO	2	.0858662
1 TO	3	.194551
1 TO	4	.100499
1 TO	5	.130863

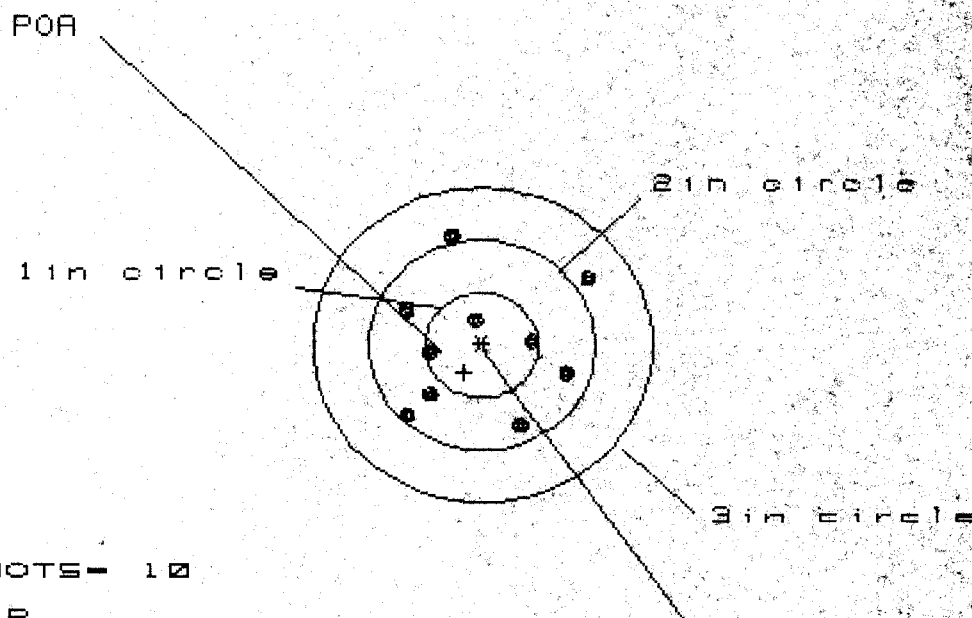
+5 X ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2184
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2324
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .318917
THE AMR FOR THIS RIFLE IS: .816

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349058

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.615

VS= 1.841

GS= 2.133

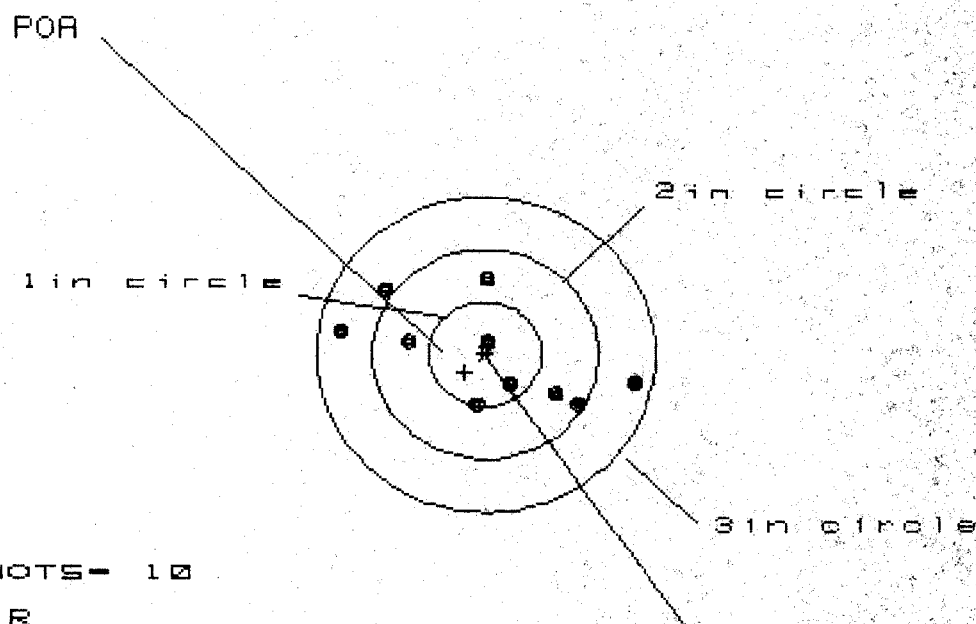
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.930	.892	.873
MINIMUM X	:	-.685	-.582	-.601
MAXIMUM Y	:	1.062	1.138	.514
MINIMUM Y	:	-.779	-.703	-.560
CENTROID X	:	.160	.057	.076
CENTROID Y	:	.262	.186	.043
POA TO CENTROID in.	:	.307	.194	.088
MIN RADIUS	:	.235	.318	.369
MEAN RADIUS	:	.740	.681	.619
MAX RADIUS	:	1.156	1.149	.877
HORIZONTAL SPREAD	:	1.615	1.474	1.474
VERTICAL SPREAD	:	1.841	1.841	1.074
EXTREME SPREAD	:	2.133	1.927	1.571
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349088

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in = 10

HS- 2.529

VS= 1.174

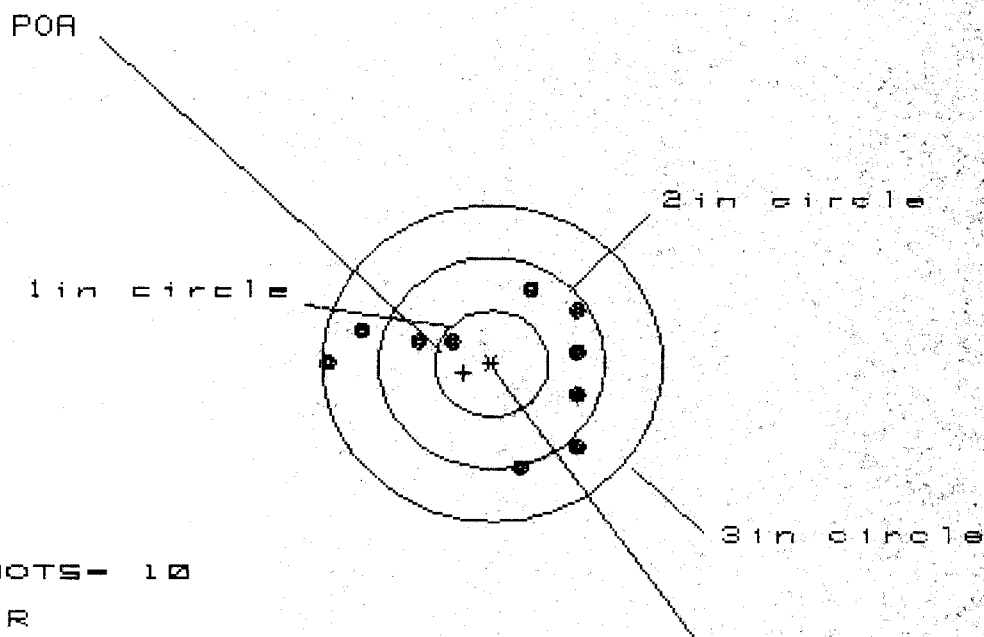
GS= 2.578

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.284	.950	.813
MINIMUM X	:	-1.244	-1.102	-.847
MAXIMUM Y	:	.698	.670	.698
MINIMUM Y	:	-.476	-.504	-.476
CENTROID X	:	.182	.040	.178
CENTROID Y	:	.179	.207	.179
POA TO CENTROID in.	:	.255	.211	.252
MIN RADIUS	:	.152	.224	.153
MEAN RADIUS	:	.759	.702	.627
MAX RADIUS	:	1.309	1.124	1.028
HORIZONTAL SPREAD	:	2.529	2.052	1.659
VERTICAL SPREAD	:	1.174	1.174	1.174
EXTREME SPREAD	:	2.578	2.176	1.968
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349098

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 7

3in - 10

HS- 2.205

VS- 1.689

GS- 2.309

CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.765	.605	.443
MINIMUM X	:	-1.440	-1.296	-.939
MAXIMUM Y	:	.719	.718	.757
MINIMUM Y	:	-.970	-.971	-.932
CENTROID X	:	.249	.409	.571
CENTROID Y	:	.089	.090	.051
POA TO CENTROID in.	:	.264	.419	.573
MIN RADIUS	:	.424	.571	.483
MEAN RADIUS	:	.908	.832	.745
MAX RADIUS	:	1.440	1.333	.971
HORIZONTAL SPREAD	:	2.205	1.901	1.382
VERTICAL SPREAD	:	1.689	1.689	1.689
EXTREME SPREAD	:	2.309	2.174	1.699
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349098

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 1.564

VS= 1.852

GS= 2.059

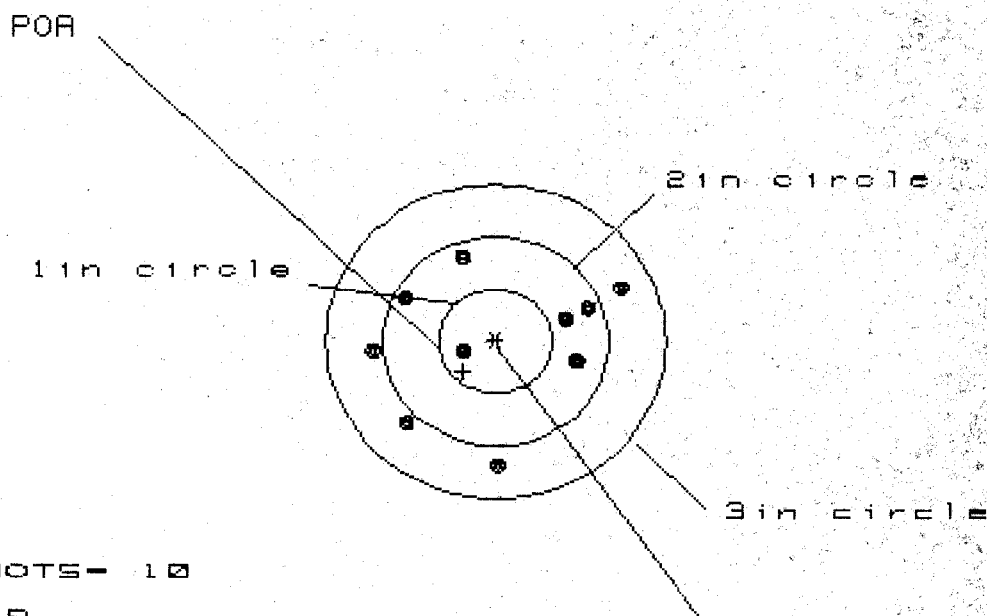
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.790	.856	.896
MINIMUM X	:	-.774	-.708	-.601
MAXIMUM Y	:	1.027	.588	.501
MINIMUM Y	:	-.825	-.711	-.798
CENTROID X	:	.212	.146	.039
CENTROID Y	:	.348	.234	.321
POA TO CENTROID in.	:	.407	.276	.324
MIN RADIUS	:	.056	.110	.198
MEAN RADIUS	:	.764	.714	.647
MAX RADIUS	:	1.187	1.107	.930
HORIZONTAL SPREAD	:	1.564	1.564	1.497
VERTICAL SPREAD	:	1.852	1.299	1.299
EXTREME SPREAD	:	2.059	1.904	1.657
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349098

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.194

VS= 1.955

GS= 2.312

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	.974	.887
MINIMUM X	-1.085	-.962	-1.048
MAXIMUM Y	.817	.870	.777
MINIMUM Y	-1.138	-1.085	-1.178
CENTROID X	.289	.166	.252
CENTROID Y	.284	.231	.324
POA TO CENTROID in.	.405	.284	.411
MIN RADIUS	.324	.194	.301
MEAN RADIUS	.909	.863	.839
MAX RADIUS	1.208	1.095	1.179
HORIZONTAL SPREAD	2.194	1.936	1.936
VERTICAL SPREAD	1.955	1.955	1.955
EXTREME SPREAD	2.312	2.032	1.989
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		