

C6611673

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00143909

Serial: C6611673 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/1/2008 1:32:08 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPT OF THE ARMY

DEPT OF THE ARMY

Address 1: 1401 ARTILLERY CIRCLE BLDG 978

1401 ARTILLERY CIRCLE BLDG 978

Address 2: PO Box:

PO Box:

City: FT. LEONARD WOOD

FT. LEONARD WOOD

State: MD Zip Code: 65473

Country: US

State: MD Zip Code: 65473

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/2/2008

9:33 AM

CARS

NUM

Start

6 Mi...

AWAR...

4 Mi...

Part 5...

Arms...

2 SA...

DEU

Serial Number:

C6611673

Model: M24 SWS



RE00143909

Remington®

Factory Repair Instructions

(NOTE: Please print and complete this form, and then include it with your firearm.)

Model Number: <u>M24A 1</u>		Serial Number: <u>C6611673</u>	
Are you the original owner?: ☒ YES ☐ NO <u>Contract # DAAE20-02-C-0149</u>			
Name: <u>US Army MPS-STD</u>		Date of Purchase: <u>UNKNOWN</u>	
Address (no PO Boxes): <u>1401 Artillery Circle</u> <u>BLDG 978</u> <u>ATTN: Ramon Valenzuela</u>			
City: <u>FT. Leonard Wood</u>		State: <u>MO</u>	Zip: <u>65473</u>
Phone (Daytime): <u>(573) 596-0131 x6-3420</u>		Fax: <u>(573) 596-0747</u>	
E-mail Address: ☐ I would like to receive future e-mail updates from Remington.			
Please describe your problem and date of occurrence:			
<u>Stock cracked 1) in front of Comb</u> <u>2) behind trigger guard</u>			
Ammunition Information:			
Manufacturer: <u>Military (Lake City)</u>		Type: <u>M18 Match Ball</u>	
Other (i.e. bullet weight/type, shot size, powder):			
Handload Information:			
Powder Used:		Powder Weight:	
Case/Hull Used:		Primer Used:	
Bullet Type/Shot Size:		Reloader Used:	
Firearms Care (Cleaning and Lubrication):			
Brand of cleaning solution used:			
How often do you clean the bore? (Months or Number of rounds)			
How often do you clean the action? (Months or Number of rounds)			
How often do you clean the trigger assembly? (Months or Number of rounds)			
Brand of lubricant used:			
How often do you lubricate the bore? (Months or Number of rounds)			
How often do you lubricate the action? (Months or Number of rounds)			
How often do you lubricate the trigger assembly? (Months or Number of rounds)			
Have you reviewed the cleaning and maintenance recommendations on our web site or in our owners manual? ☐ YES ☐ NO			



DEPARTMENT OF THE ARMY
U.S. ARMY MILITARY POLICE SCHOOL
SPECIAL TACTICS TRAINING DIVISION
FORT LEONARD WOOD, MISSOURI 65473

REPLY TO
ATTENTION OF:

ATSJ-TSS

24 March 2008

MEMORANDUM FOR Remington Arms CO INC

SUBJECT: Repairs M24 Sniper Rifle

1. Request repairs on following M24 Sniper Rifle (SN: C6523369, C6611673, C6523393), the following deficiency's were found by one of are service maintenance personnel.
 - a- CC6523369 – Stock Cracked bolt behind trigger guard.
 - b- C6611673 – Stock Cracked behind trigger guard and in front of comb.
 - c- C6523393 – Cracked bolt.
2. Any question regarding the weapon may be directed to
Email:ramon.velazquez1@conus.army.mil or Phone 573-596-0131 x6-3420 fax :(573)596-0747.
3. POC this action is the undersigned at (573)596-3420.


RAMON VELAZQUEZ
STTD, GS-07
Supply Technician

Velazquez, Ramon Mr CIV USA TRADOC

From: Thomas, Paul Mr CIV USA IMCOM
Sent: Monday, March 24, 2008 2:19 PM
To: Velazquez, Ramon Mr CIV USA TRADOC
Subject: FW: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Shipment approved. See below. Paul

-----Original Message-----

From: West, Kimberly A CIV USA AMC
Sent: Monday, March 24, 2008 2:02 PM
To: Thomas, Paul Mr CIV USA IMCOM; ROCK-TACOM-SNIPER-REPAIR
Cc: Velazquez, Ramon Mr CIV USA TRADOC; Wells, Richard L Mr CIV USA AMC
Subject: RE: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Thanks, Paul-
Please go ahead and ship your M24s to Remington.
Kim

Kimberly West
TACOM-RI
Rifle & Carbine Team
(309) 782-0926
DSN: 793-0926
kimberly.a.west1@us.army.mil

-----Original Message-----

From: Thomas, Paul Mr CIV USA IMCOM
Sent: Monday, March 24, 2008 12:55 PM
To: ROCK-TACOM-SNIPER-REPAIR
Cc: West, Kimberly A CIV USA AMC; westk@ria.army.mil; Velazquez, Ramon Mr CIV USA TRADOC
Subject: Request Repair of M24 sniper Rifle (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Have three M24's in need of repairs. Request authorization to ship to remington Arms Co Inc., ATTN: Service Dept., 14 Hoefer Avenue, Ilion, NY 13357-1816. Serial numbers are C6523369, C6611673, C6523393.

FTE document number is W80H2G80840003.
AOE document number is W80H2G80840004

POC at unit is Mr. Ramon Velaaque, Comm: 573-596-0131 ext 63420.
POC at property book is the undersigned.

Paul Thomas
Consolidated Property Book Office
ATTN: IMNW-LNW-PB
Director of Logistics, Bldg. 2325
Fort Leonard Wood, MO 65473-8873
Phone: Comm 573-596-0131, ext 6-7678
Fax: 573-596-0867
DSN 581-7678
Email: paul.t.thomas@conus.army.mil

Classification: UNCLASSIFIED
Caveats: NONE
Classification: UNCLASSIFIED
Caveats: NONE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611673.___0
FILE DATE AND TIME: 04/16/2008 13:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	-0.027
The Average Point of Impact of the Five Target Set:	0.042
The Average Mean Radius of the Five Target Set:	0.877
The Distance from POA to Centroid Target #1:	0.268
The Distance from Centroid Target #2 to Centroid Target #1:	0.227
The Distance from Centroid Target #3 to Centroid Target #1:	0.288
The Distance from Centroid Target #4 to Centroid Target #1:	0.455
The Distance from Centroid Target #5 to Centroid Target #1:	0.616

SERIAL NUMBER: C6611673.___0

TARGET NUMBER: 1

FILE DATE: 04/16/2008

FILE TIME: 13:03

POINT#	X	Y
1:	-0.175	1.230
2:	0.041	1.117
3:	-0.806	0.667
4:	-0.184	0.628
5:	0.376	0.545
6:	0.804	0.602
7:	1.265	-0.701
8:	0.499	-0.454
9:	-0.688	-0.424
10:	-1.171	-0.530

X CENTROID: -0.004

Y CENTROID: 0.268

POA TO CENTROID: 0.268

HORZ SPREAD: 2.436

VERT SPREAD: 1.931

GROUP SPREAD: 2.482

MIN RADIUS: 0.403

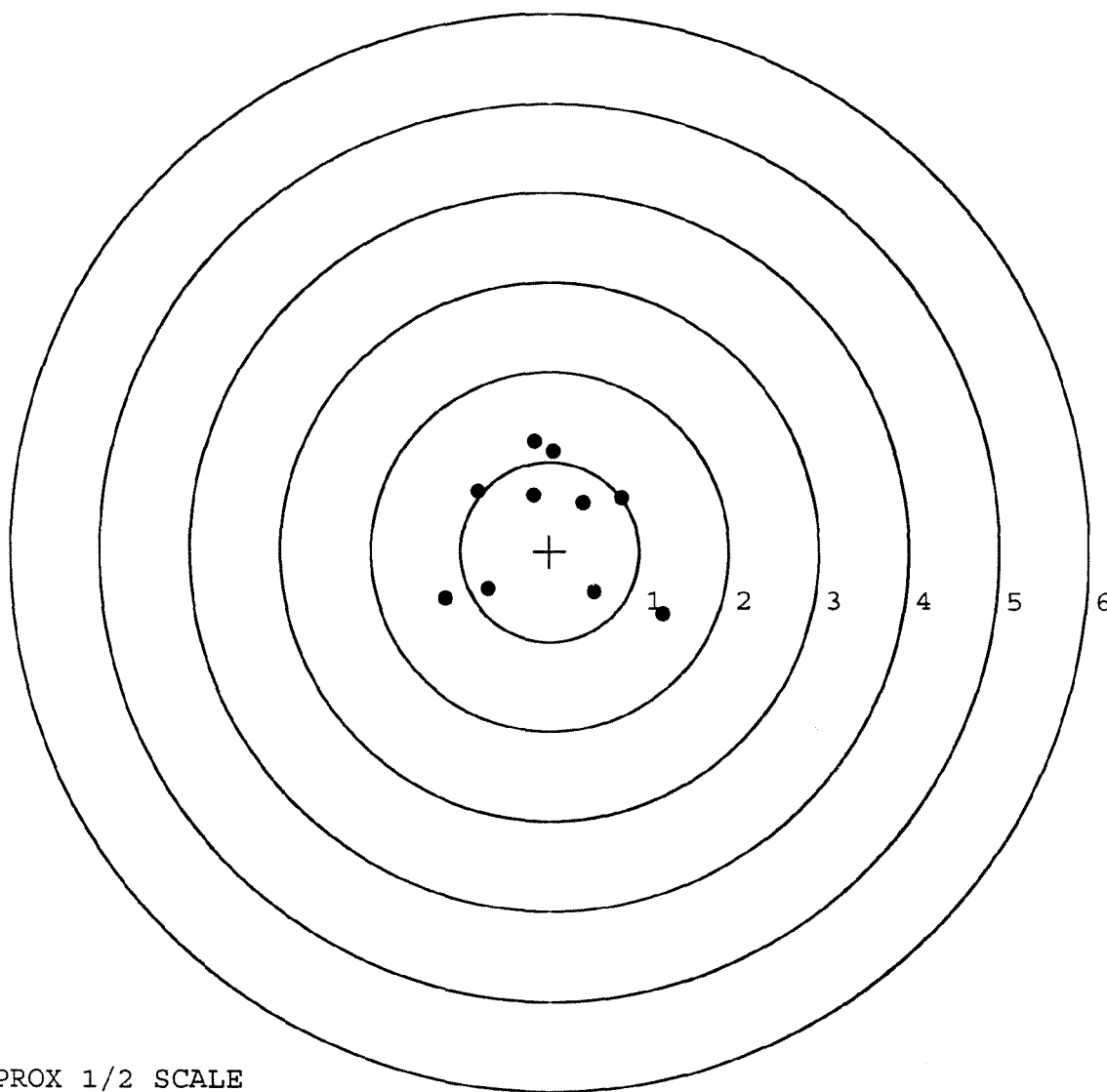
MAX RADIUS: 1.597

MEAN RADIUS: 0.933

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673.___0

TARGET NUMBER: 2

FILE DATE: 04/16/2008

FILE TIME: 13:03

POINT#	X	Y
1:	0.705	0.053
2:	0.409	0.036
3:	0.438	0.476
4:	-0.061	0.549
5:	-0.385	0.400
6:	0.079	1.136
7:	-1.007	0.061
8:	-0.936	-0.334
9:	-0.538	-0.786
10:	-0.336	-0.522

X CENTROID: -0.163

Y CENTROID: 0.107

POA TO CENTROID: 0.195

HORZ SPREAD: 1.712

VERT SPREAD: 1.922

GROUP SPREAD: 2.019

MIN RADIUS: 0.368

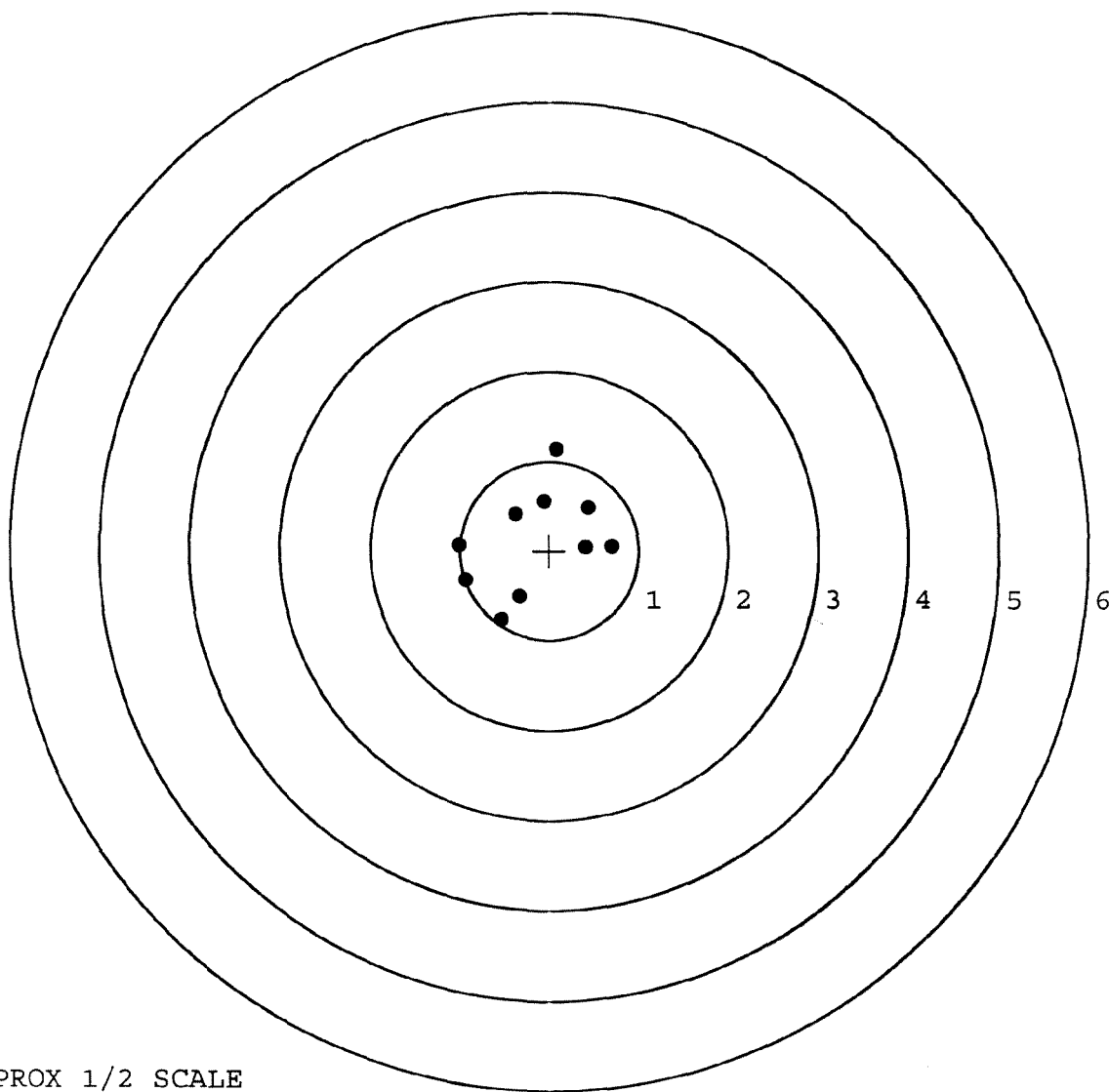
MAX RADIUS: 1.057

MEAN RADIUS: 0.739

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

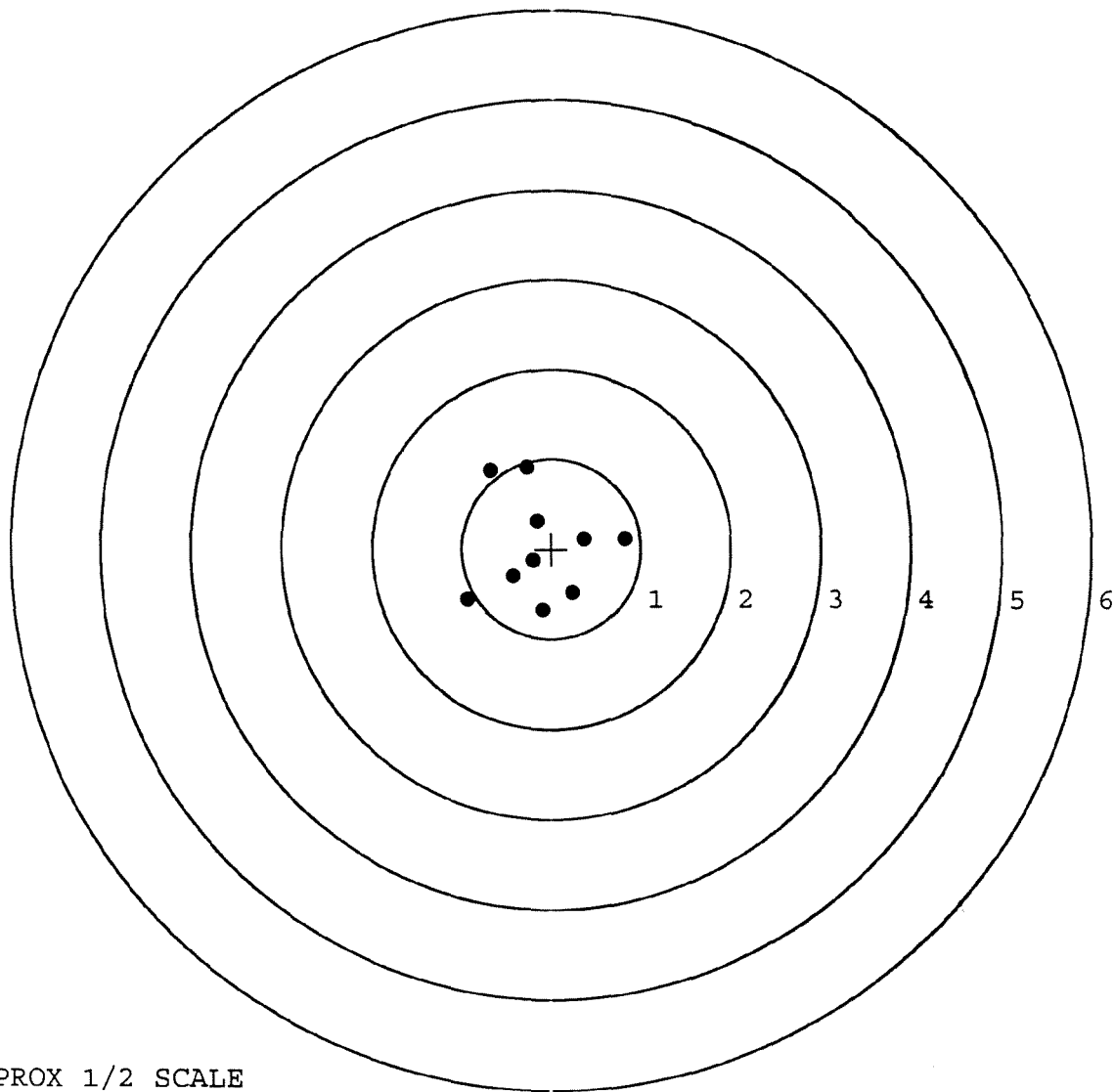


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673.___0
TARGET NUMBER: 3
FILE DATE: 04/16/2008
FILE TIME: 13:03

POINT#	X	Y
1:	-0.106	-0.686
2:	0.236	-0.492
3:	0.824	0.119
4:	0.373	0.113
5:	-0.205	-0.130
6:	-0.427	-0.313
7:	-0.935	-0.564
8:	-0.165	0.308
9:	-0.279	0.900
10:	-0.683	0.867

X CENTROID: -0.137
Y CENTROID: 0.012
POA TO CENTROID: 0.137
HORZ SPREAD: 1.759
VERT SPREAD: 1.586
GROUP SPREAD: 1.682
MIN RADIUS: 0.158
MAX RADIUS: 1.014
MEAN RADIUS: 0.660
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673.___0

TARGET NUMBER: 4

FILE DATE: 04/16/2008

FILE TIME: 13:03

POINT#	X	Y
1:	0.056	0.725
2:	-0.156	0.350
3:	-0.664	0.789
4:	-0.732	-0.172
5:	-0.257	-0.455
6:	0.348	-0.535
7:	0.947	-1.644
8:	1.140	-1.634
9:	-0.618	0.230
10:	0.195	0.489

X CENTROID: 0.026

Y CENTROID: -0.186

POA TO CENTROID: 0.187

HORZ SPREAD: 1.872

VERT SPREAD: 2.433

GROUP SPREAD: 3.021

MIN RADIUS: 0.391

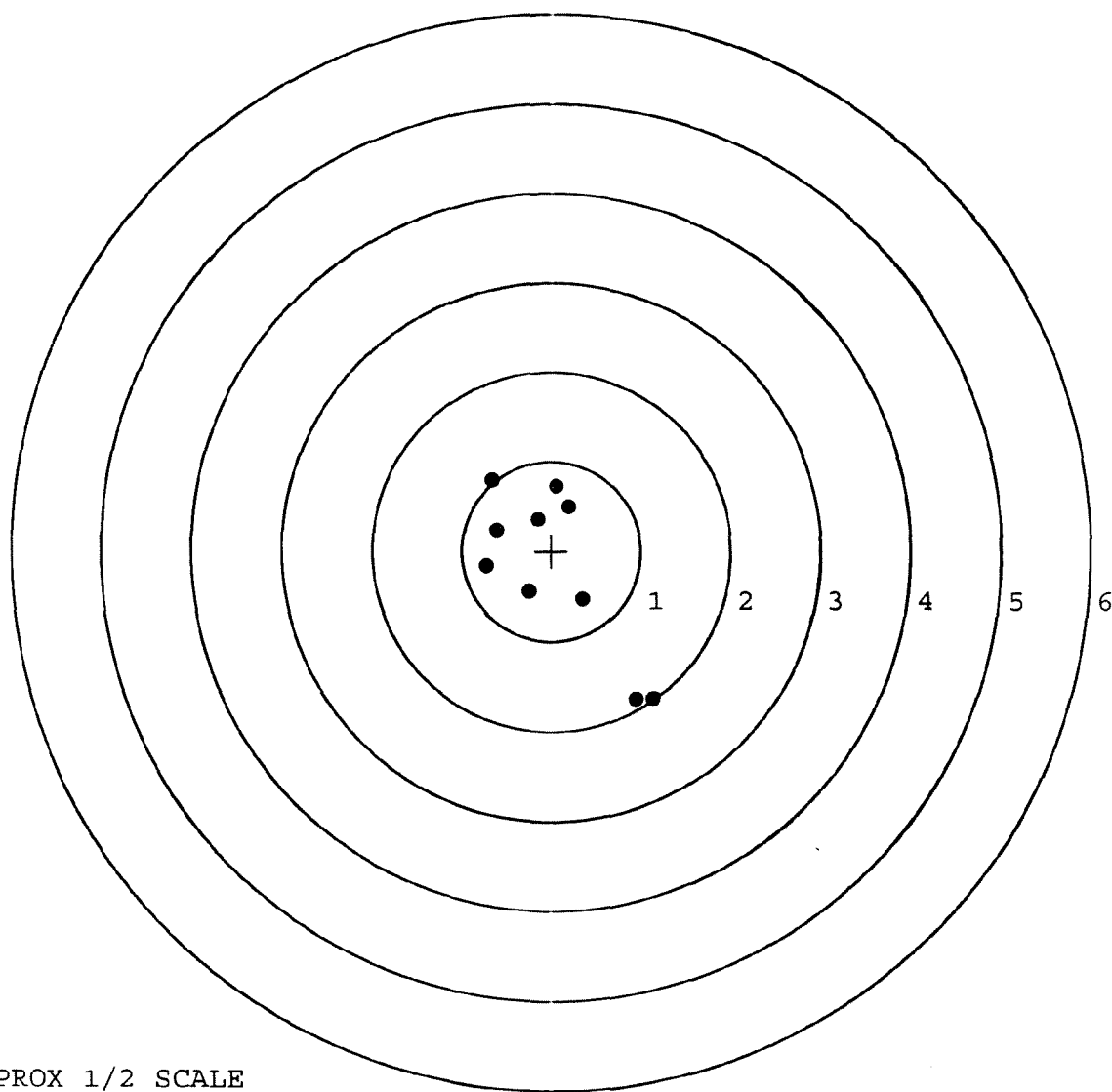
MAX RADIUS: 1.827

MEAN RADIUS: 0.931

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

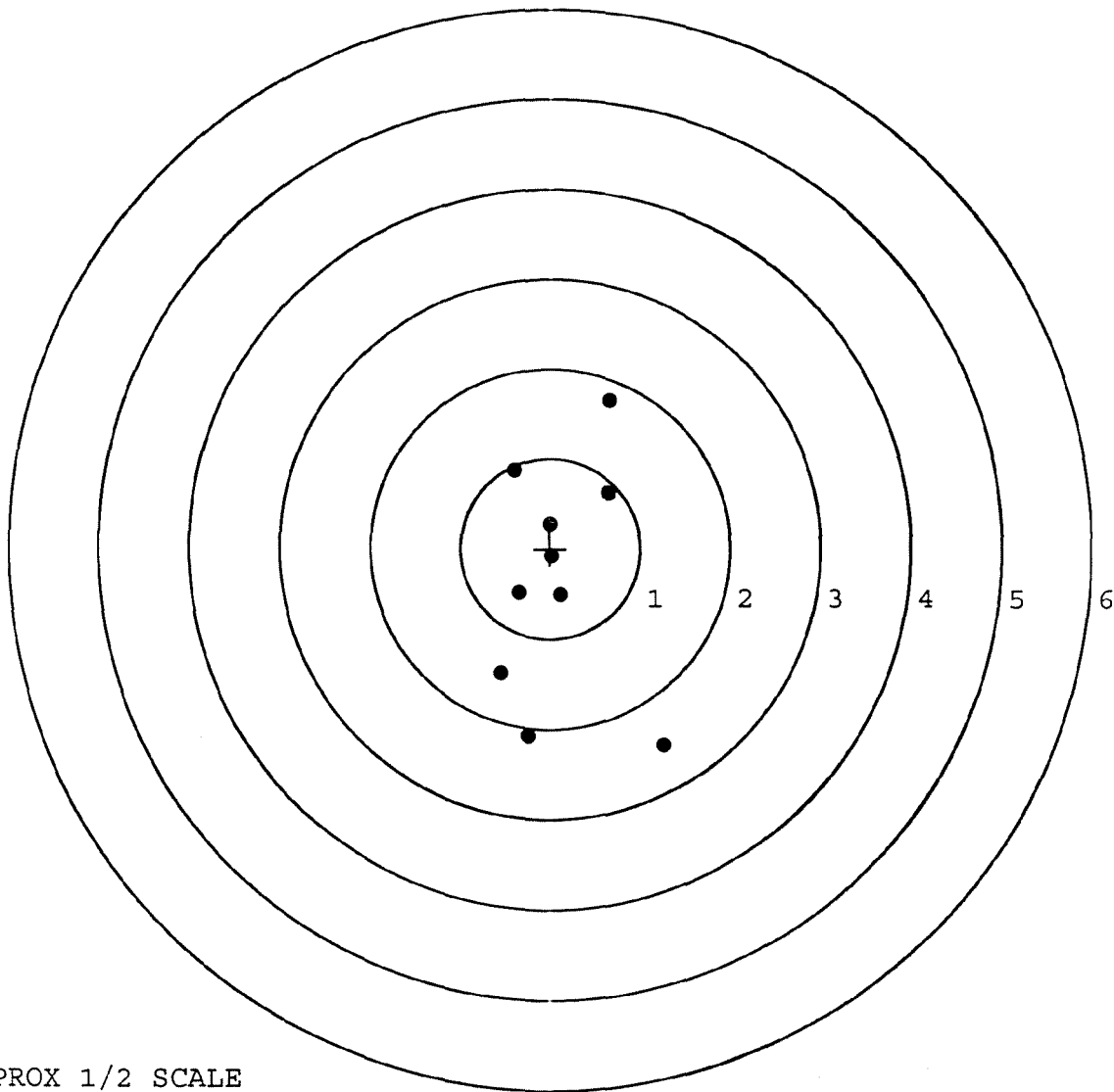


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611673. __0
TARGET NUMBER: 5
FILE DATE: 04/16/2008
FILE TIME: 13:03

POINT#	X	Y
1:	1.271	-2.184
2:	-0.243	-2.085
3:	-0.550	-1.393
4:	0.115	-0.519
5:	-0.349	-0.499
6:	0.014	-0.084
7:	-0.005	0.267
8:	0.653	0.619
9:	-0.394	0.862
10:	0.660	1.652

X CENTROID: 0.117
Y CENTROID: -0.336
POA TO CENTROID: 0.356
HORZ SPREAD: 1.821
VERT SPREAD: 3.836
GROUP SPREAD: 3.884
MIN RADIUS: 0.183
MAX RADIUS: 2.178
MEAN RADIUS: 1.124
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

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

P&B NUMBER 00143909
SERIAL NUMBER C6611673
LOG-IN DATE 4-1-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-3-08	R.P.D.
505	RE-BARREL		4-3-08	R.P.D.
560	ASSEMBLE		4-3-08	RTZ
600	PROOF	MAGNA - FLUX	4-7-08	TRW
605	CHECK HEADSPACE		4-7-08	TRW
610	DIS-ASSEMBLE GUN		4-8-08	R.P.D.
612	MAGNAFLUX	OPERATOR <i>crms</i>	4/8/08	<i>crms</i>
510	DRILL AND TAP		4/9/08	Fm
615	ROLLMARK CALIBER		4-9-08	CW
618	ROTO-BLAST		4-9-08	DG
620	APPLY COATINGS		4-11-08	W7
625	FINAL ASSEMBLY		4-14-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4-15-08	TRW
650	TARGET	(PASS) FAIL	4-15-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-15-08	RP
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	4-17-08	TRW
	B) TRIGGER PULL	2.51 2.43 2.45 2.54 2.25	4-17-08	TRW
	F) SAFETY ON FORCE	5.5 5.25 5.75	4-17-08	TRW
	G) SAFETY OFF FORCE	2.75 2.75 2.75	4-17-08	TRW
	I) FIRING PIN INDENT	.0225 .023 .0225	4-17-08	TRW
690	PACK		4/21/08	Fm



MODEL 700™ M24

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

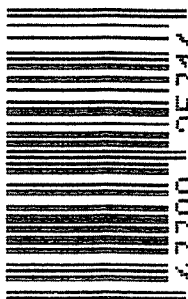


REG. U.S. PAT. & TM. OFF.

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

SERIAL NO. C6611673	ORDER NO. 5716
---	--

UPC



0 47700 25716 7



5716 C6611673

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611673

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28 91		RW
600	Proof	3 28 91		RW
607	Check Headspace	3 28 91		RW
610	Dis-assemble Gun	3 28 91		RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	W
615	Rollmark Caliber	APR	2 1991	LG
617	Drill and Tap Sight Holes	APR	5 1991	LB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	RW
	C) Inspect Ejector Hole for Chamfer		4/10/91	RW
	D) Oil Firing Pin Ass'y		4/10/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/22/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6 $\frac{1}{2}$	6	6			4-22-91	DH
	G) Safety Off Force	4	4	4 $\frac{1}{2}$			4-22-91	DH
	H) Trigger Pull Test & Retainability						4/22/91	RL
	I) Firing Pin Indent	.022	.022	.022			4-22-91	DH
	J) Assemble Stock						4/29/91	RW
	K) Assemble Swivel Studs						5-13-91	A
	L) Attach Front and Rear Sight Assemblies						4/29/91	RW
	M) Iron Sight Alignment						4/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/29/91	RW
	O) Attach Scope to Rifle						4/29/91	RW
	P) Detach & Attach Scope 20 Times						4/29/91	RW
640	Gallery Target & Test						4/29/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						4/29/91	KT
655	Final Inspection							
	A) Headspace						5-13-91	A
	B) Trigger Pull	2.39	2.17	2.30	2.36	2.38	5/10/91	RL
	C) Function						5-13-91	AC
660	Pack						6-18-91	N

SWS TRIGGER PULL TEST

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

SERIAL NO. C661167-3

DATE 4/22/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.34	2.30	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.32	2.36	2.17	
PULL #3	2.26	2.34	2.32	2.30	
PULL #4	2.15	2.29	2.30	2.36	
PULL #5	2.13	2.21	2.30	2.38	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.25		
PULL #2	3.20	3.26		
PULL #3	3.24	3.27		
PULL #4	3.25	3.21		
PULL #5	3.19	3.26		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.56	4.36		4.56
PULL #2	4.20	4.60		4.35
PULL #3	4.34	4.53		4.61
PULL #4	4.54	4.57		4.31
PULL #5	4.31	4.56		4.62
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611673
29 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.140456
1 TO	2	.130633
1 TO	3	.237453
1 TO	4	.101124
1 TO	5	.265279

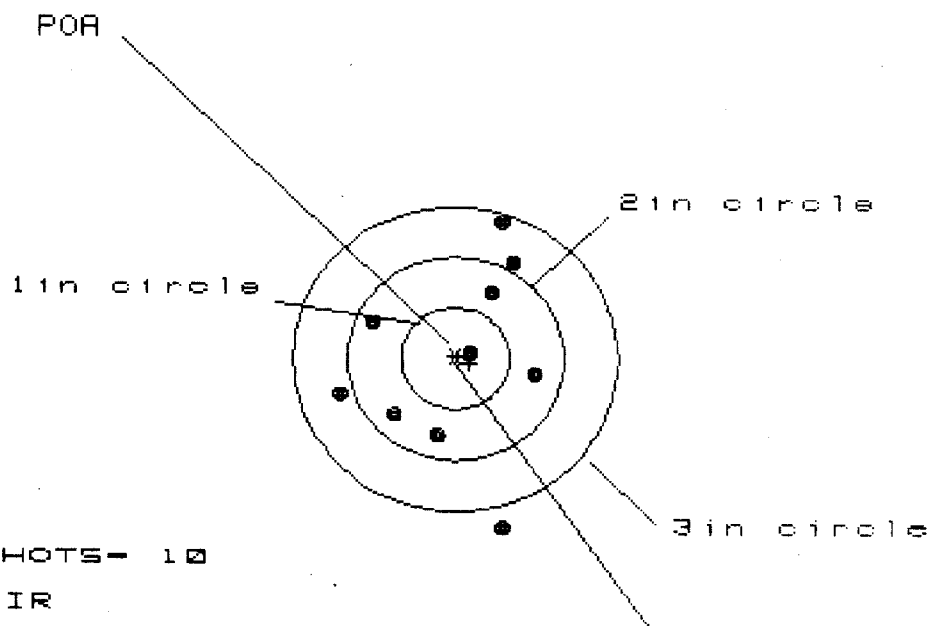
5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0086
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .049
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .049749
THE AMR FOR THIS RIFLE IS: .823

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611673

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 1.863

VS= 2.942

GS= 2.942

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.819	.879
MINIMUM X	:	-1.090	-1.044	-.984
MAXIMUM Y	:	1.329	1.149	.942
MINIMUM Y	:	-1.613	-.886	-.742
CENTROID X	:	-.132	-.178	-.238
CENTROID Y	:	.048	.228	.084
POA TO CENTROID in.	:	.141	.289	.253
MIN RADIUS	:	.130	.200	.223
MEAN RADIUS	:	.919	.831	.768
MAX RADIUS	:	1.666	1.247	1.113
HORIZONTAL SPREAD	:	1.863	1.863	1.863
VERTICAL SPREAD	:	2.942	2.035	1.684
EXTREME SPREAD	:	2.942	2.255	2.049
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611673

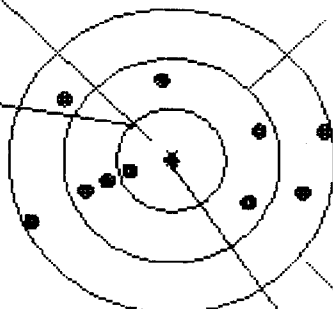
CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in - 10

CENTROID *

HS- 2.769

VS- 1.377

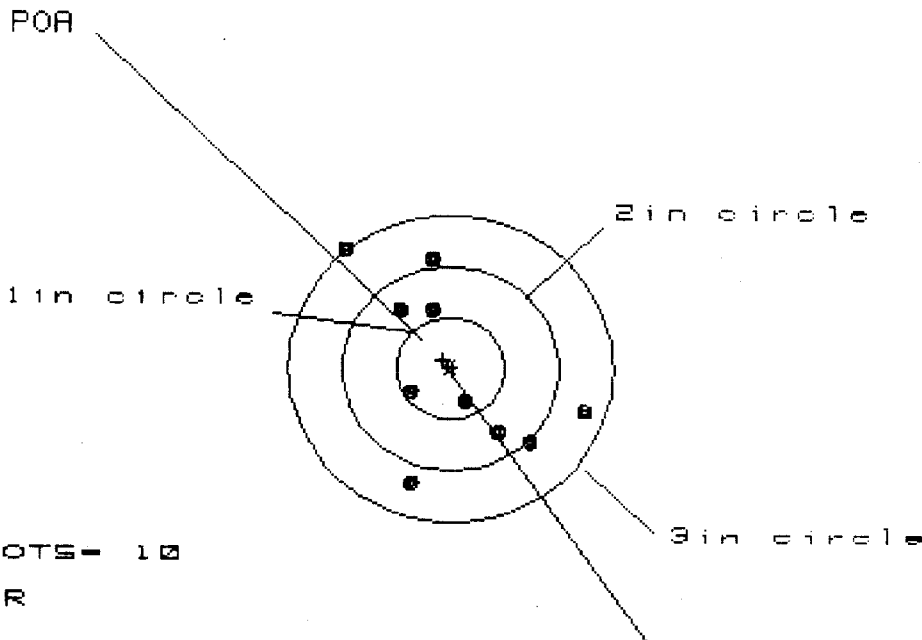
GS- 2.899

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.438	1.381	1.234
MINIMUM X	:	-1.331	-1.171	-.990
MAXIMUM Y	:	.777	.806	.734
MINIMUM Y	:	-.600	-.571	-.432
CENTROID X	:	-.009	-.169	-.022
CENTROID Y	:	.004	-.025	.047
POA TO CENTROID in.	:	.010	.170	.052
MIN RADIUS	:	.376	.215	.377
MEAN RADIUS	:	.960	.872	.834
MAX RADIUS	:	1.461	1.399	1.270
HORIZONTAL SPREAD	:	2.769	2.552	2.224
VERTICAL SPREAD	:	1.377	1.377	1.166
EXTREME SPREAD	:	2.899	2.575	2.372
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611673

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.177

VS= 2.235

GS= 2.676

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.249	1.145	.811
MINIMUM X	:	-.928	-.573	-.429
MAXIMUM Y	:	1.157	1.198	1.164
MINIMUM Y	:	-1.078	-.950	-.983
CENTROID X	:	.068	.172	.028
CENTROID Y	:	-.080	-.208	-.174
POA TO CENTROID in.	:	.105	.270	.177
MIN RADIUS	:	.363	.225	.287
MEAN RADIUS	:	.888	.805	.746
MAX RADIUS	:	1.483	1.239	1.177
HORIZONTAL SPREAD	:	2.177	1.718	1.240
VERTICAL SPREAD	:	2.235	2.148	2.148
EXTREME SPREAD	:	2.676	2.151	2.151
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

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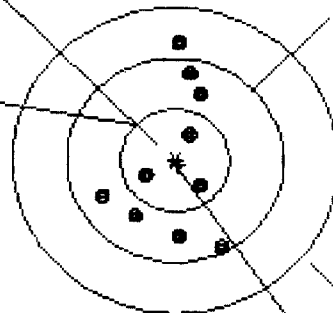
CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 9

3 in = 10

CENTROID *

HS= 1.0089

VS= 2.014

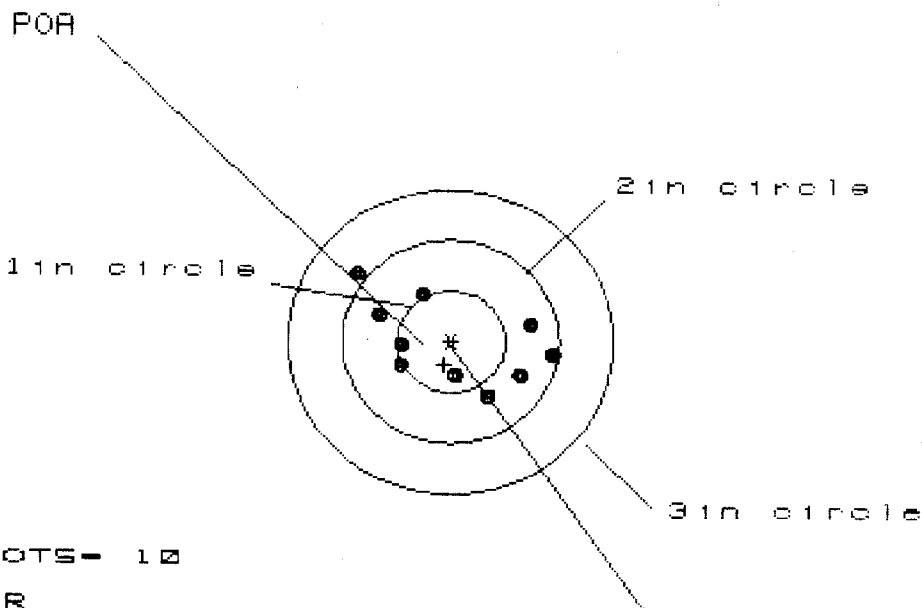
GS= 2.053

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.461	.467	.288
MINIMUM X	:	-.628	-.622	-.563
MAXIMUM Y	:	1.140	.964	.871
MINIMUM Y	:	-.874	-.748	-.733
CENTROID X	:	-.031	-.037	-.096
CENTROID Y	:	.043	-.083	.010
POA TO CENTROID in.	:	.053	.091	.096
MIN RADIUS	:	.291	.228	.220
MEAN RADIUS	:	.675	.605	.572
MAX RADIUS	:	1.141	.974	.892
HORIZONTAL SPREAD	:	1.089	1.089	.851
VERTICAL SPREAD	:	2.014	1.712	1.604
EXTREME SPREAD	:	2.053	1.744	1.610
NUMBER IN ONE INCH CIRCLE =	:	3	3	3
NUMBER IN TWO INCH CIRCLE =	:	9	9	9
NUMBER IN THREE INCH CIRCLE =	:	10	10	10

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 9

3in = 10

HS = 1.796

VS = 1.225

GS = 1.984

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.891	.790	.738
MINIMUM X	-.905	-.763	-.664
MAXIMUM Y	.687	.570	.560
MINIMUM Y	-.538	-.462	-.472
CENTROID X	.061	.162	.063
CENTROID Y	.230	.154	.164
POA TO CENTROID in.	.238	.223	.175
MIN RADIUS	.338	.280	.272
MEAN RADIUS	.673	.613	.578
MAX RADIUS	1.136	.831	.787
HORIZONTAL SPREAD	1.796	1.553	1.402
VERTICAL SPREAD	1.225	1.032	1.032
EXTREME SPREAD	1.984	1.606	1.439
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		