

06225397

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes- 1 in chamber.

Remington.

Smith

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225397

OP. #	OP. NAME	INTERCHANGEABILITY READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	APL
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/23/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/23/89	RW
	C) Inspect Ejector Hole for Chamfer		2/23/89	RW
	D) Oil Firing Pin Ass'y		2/23/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/23/89	918

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			27 Feb 89	JS
	G) Safety Off Force	3	3	3			27 Feb 89	JS
	H) Trigger Pull Test & Retainability						24 Feb 89	JS
	I) Firing Pin Indent	.0205	.020	.021			27 Feb 89	JS
	J) Assemble Stock						3/3/89	RW
	K) Assemble Swivel Studs						8 Mar 89	JS
	L) Attach Front and Rear Sight Assemblies						3/3/89	RW
	M) Iron Sight Alignment						3/3/89	RW
	N) Detach Front & Rear Sights & place in numbered container						3/3/89	RW
	O) Attach Scope to Rifle						3/6/89	WLB
	P) Detach & Attach Scope 20 Times						3/6/89	WLB
640	Gallery Target & Test	68 R	84 L				3-7-89	K
	A) Time						"	K
	B) Malfunctions			NONE			"	K
	C) Pierced Primers			NONE			"	K
	D) Optical Clarity of Scope			OK			"	K
645	Inspect for Live Ammo			NONE			3-7-89	K
655	Final Inspection							
	A) Headspace						8 Mar 89	JS
	B) Trigger Pull	2.34	2.32	2.27	2.27	2.31	8 Mar 89	JS
	C) Function						8 Mar 89	JS
660	Pack						22 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5397DATE 3-31-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.32		2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.44		2.16	
PULL #3	2.40	2.44		2.15	
PULL #4	2.43	2.38		2.18	
PULL #5	2.44	2.31		2.22	
TOTAL	12.07	11.89		10.99	
AVG.	2.414	2.378		2.198	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.43		
PULL #2	3.17	3.42		
PULL #3	3.44	3.44		
PULL #4	3.41	3.40		
PULL #5	3.32	3.45		
TOTAL	16.79	17.14		
AVG.	3.358	3.428		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.47		
PULL #2	4.39	4.46		
PULL #3	4.42	4.50		
PULL #4	4.44	4.47		
PULL #5	4.48	4.42		
TOTAL	21.91	22.32		
AVG.	4.382	4.464		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225397
8 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.373034
1 TO	2	.394975
1 TO	3	.492468
1 TO	4	.175616
1 TO	5	.359912

$\frac{4}{3\pi^2}$ (----POA

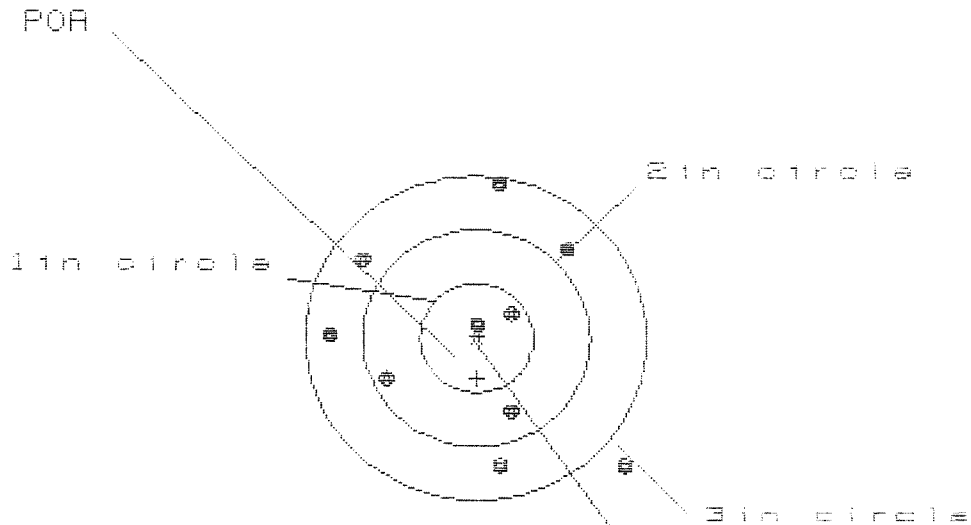
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0636
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2488
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2568

THE AMR FOR THIS RIFLE IS: .8772

B Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225397

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.588

VS= 2.541

GS= 2.896

CENTROID #

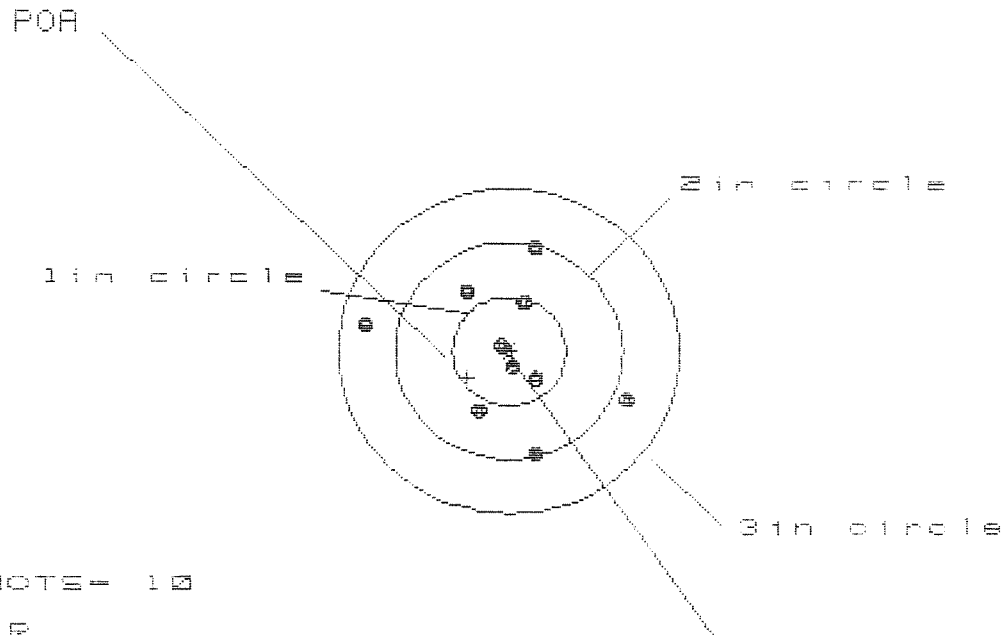
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	.986	1.027
MINIMUM X	:	-1.307	-1.165	-1.124
MAXIMUM Y	:	1.402	1.277	.829
MINIMUM Y	:	-1.139	-1.264	-1.105
CENTROID X	:	-.005	-.147	-.188
CENTROID Y	:	.373	.498	.339
POA TO CENTROID in.	:	.373	.520	.387
MIN RADIUS	:	.082	.172	.235
MEAN RADIUS	:	1.004	.929	.874
MAX RADIUS	:	1.705	1.318	1.320
HORIZONTAL SPREAD	:	2.588	2.151	2.151
VERTICAL SPREAD	:	2.541	2.541	1.934
EXTREME SPREAD	:	2.896	2.541	2.290
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225397

CENTERFIRE PATTERNS

2



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.337

VS= 1.879

GS= 2.447

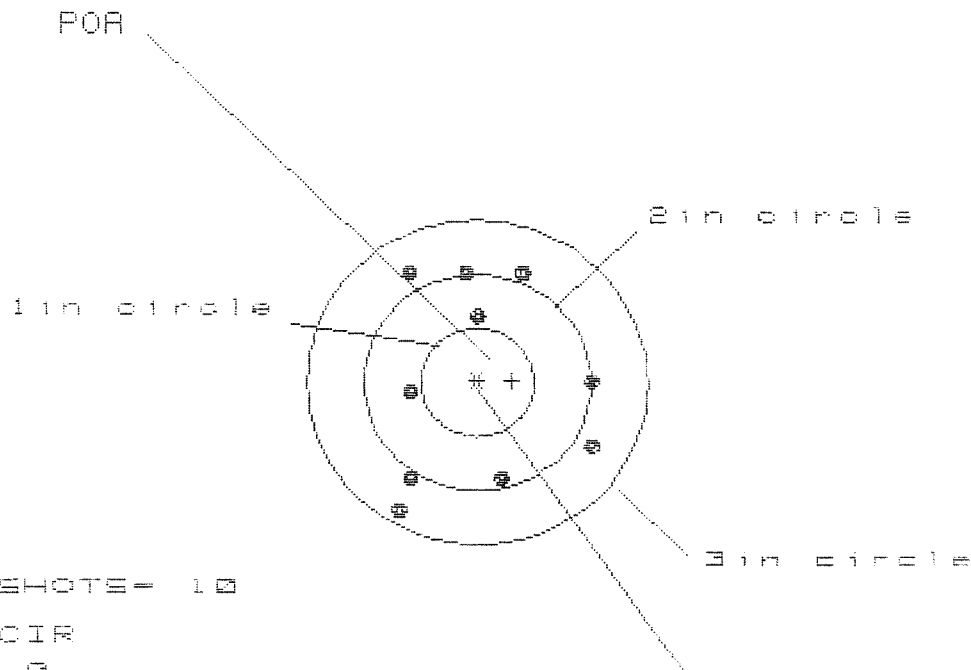
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.899	.235
MINIMUM X	:	-1.294	-.521	-.408
MAXIMUM Y	:	.982	1.013	.962
MINIMUM Y	:	-.897	-.866	-.917
CENTROID X	:	.369	.513	.400
CENTROID Y	:	.246	.215	.266
POA TO CENTROID in.	:	.444	.556	.480
MIN RADIUS	:	.040	.187	.067
MEAN RADIUS	:	.669	.600	.533
MAX RADIUS	:	1.325	1.021	.991
HORIZONTAL SPREAD	:	2.337	1.420	.643
VERTICAL SPREAD	:	1.879	1.879	1.879
EXTREME SPREAD	:	2.447	1.879	1.879
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225397

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 1.685

VS= 2.212

GS= 2.491

CENTROID *

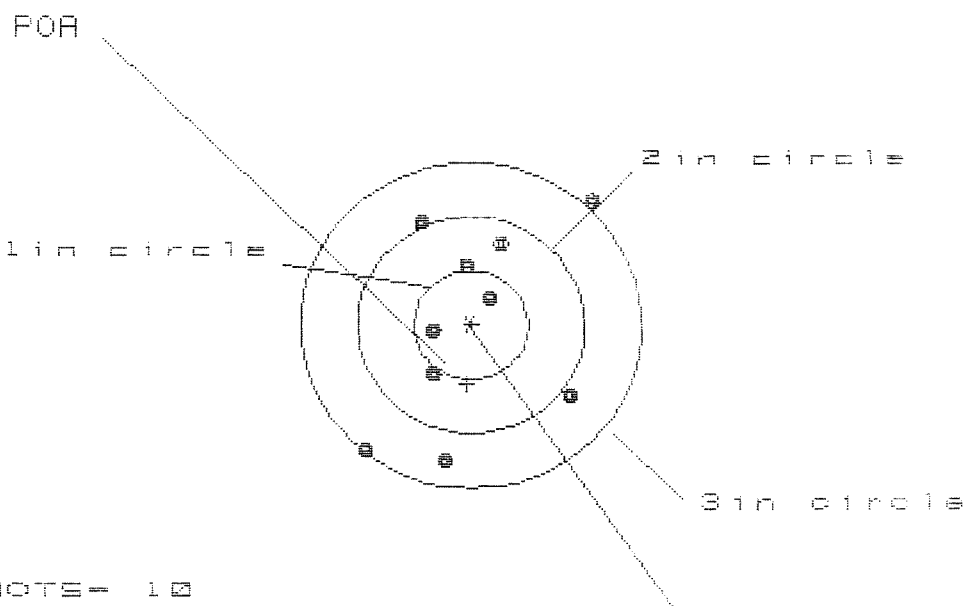
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.963	.883	.794
MINIMUM X	:	-.722	-.711	-.773
MAXIMUM Y	:	1.057	.928	1.034
MINIMUM Y	:	-1.155	-1.054	-.948
CENTROID X	:	-.307	-.227	-.138
CENTROID Y	:	-.016	.113	.007
POA TO CENTROID in.	:	.308	.254	.139
MIN RADIUS	:	.587	.466	.589
MEAN RADIUS	:	1.000	.945	.925
MAX RADIUS	:	1.362	1.181	1.147
HORIZONTAL SPREAD	:	1.685	1.594	1.567
VERTICAL SPREAD	:	2.212	1.982	1.982
EXTREME SPREAD	:	2.491	2.250	2.159
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225397

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.007

VS = 2.345

OS = 3.050

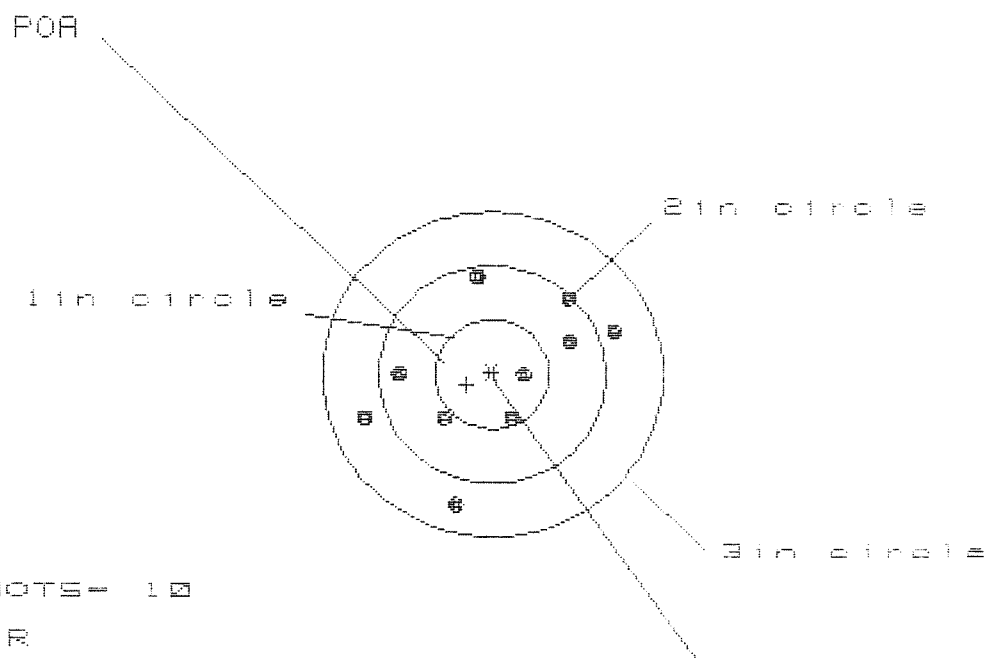
CENTROID *

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.029
MINIMUM X	-.978
MAXIMUM Y	1.111
MINIMUM Y	-1.234
CENTROID X	.035
CENTROID Y	.544
POA TO CENTROID in.	.545
MIN RADIUS	.310
MEAN RADIUS	.893
MAX RADIUS	1.538
HORIZONTAL SPREAD	2.007
VERTICAL SPREAD	2.345
EXTREME SPREAD	3.050
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

8 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225387

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.175

VS= 2.096

GS= 2.331

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.082	1.042	.901
MINIMUM X	-1.093	-1.133	-.966
MAXIMUM Y	.938	.809	.738
MINIMUM Y	-1.158	-.575	-.616
CENTROID X	.226	.266	.407
CENTROID Y	.097	.226	.297
POA TO CENTROID in.	.246	.348	.504
MIN RADIUS	.244	.215	.163
MEAN RADIUS	.820	.769	.682
MAX RADIUS	1.211	1.270	.991
HORIZONTAL SPREAD	2.175	2.175	1.867
VERTICAL SPREAD	2.096	1.384	1.354
EXTREME SPREAD	2.331	2.331	1.912
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

INTERCHANGEABILITY

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225397
20 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.439174
1 TO	2	.463212
1 TO	3	.75104
1 TO	4	.392822
1 TO	5	.512676

$\frac{1}{14}$ <----POA

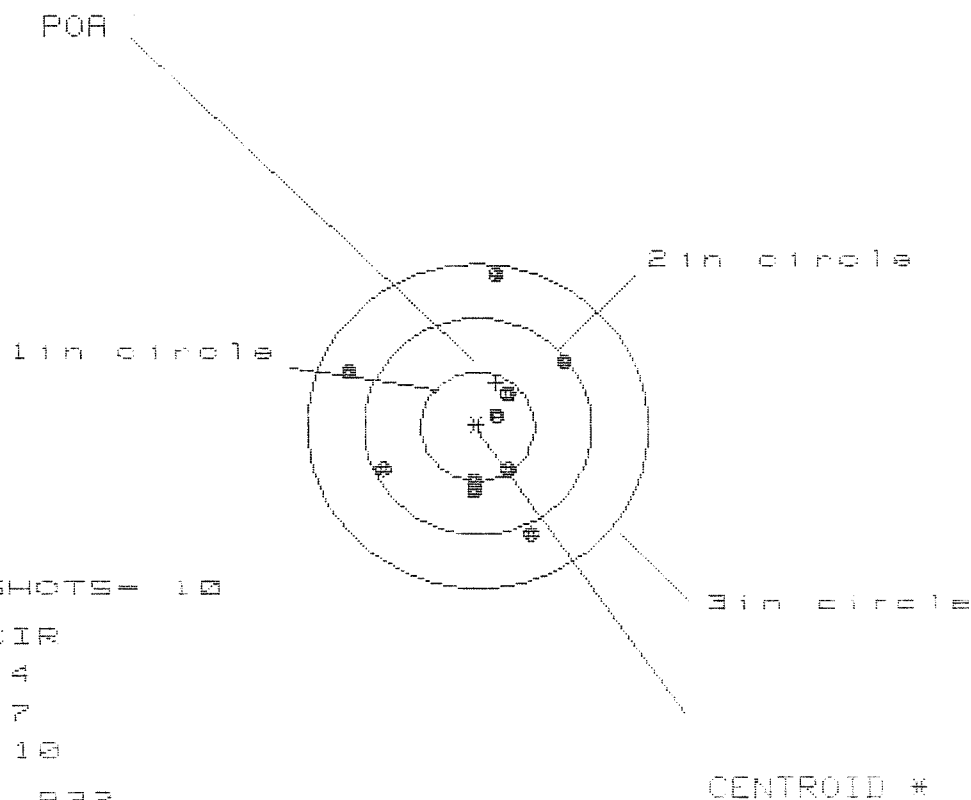
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1442
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1362
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .198353

THE AMR FOR THIS RIFLE IS: .8762

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225397

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 4

2in = 7

3in = 10

HS = 1.8332

VS = 2.344

GS = 2.370

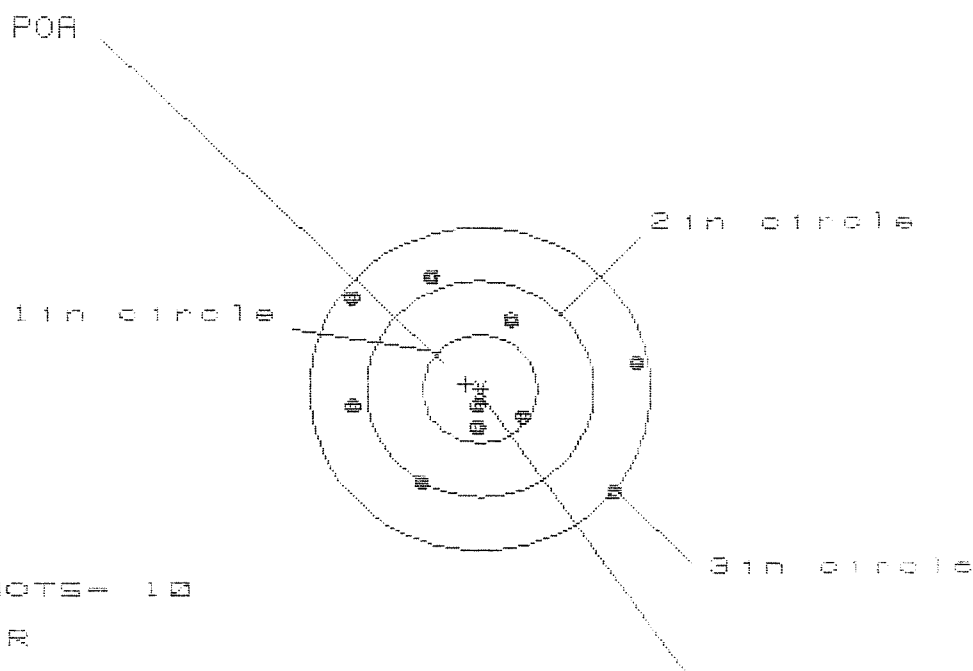
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.737	.753	.618
MINIMUM X	-1.095	-1.079	-.971
MAXIMUM Y	1.359	.713	.798
MINIMUM Y	-.985	-.834	-.749
CENTROID X	-.165	-.181	-.046
CENTROID Y	-.407	-.558	-.643
POA TO CENTROID in.	.439	.586	.645
MIN RADIUS	.207	.316	.186
MEAN RADIUS	.769	.682	.578
MAX RADIUS	1.366	1.277	1.009
HORIZONTAL SPREAD	1.832	1.832	1.589
VERTICAL SPREAD	2.344	1.547	1.547
EXTREME SPREAD	2.370	2.195	1.864
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225397

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HE= 2.529

VS= 2.028

GS= 2.905

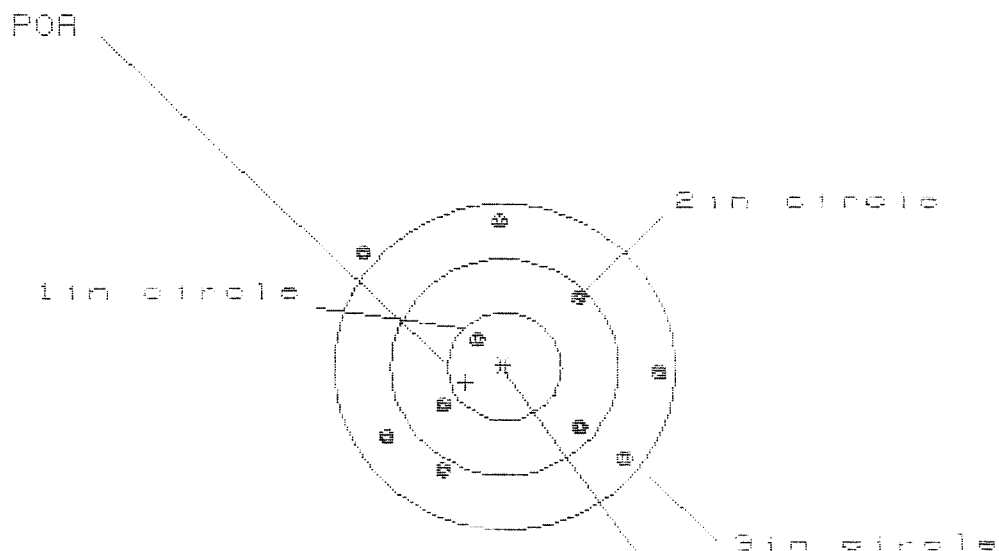
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.425	1.550	.716
MINIMUM X	:	-1.104	-.979	-.785
MAXIMUM Y	:	1.034	.923	.937
MINIMUM Y	:	-.994	-.919	-.905
CENTROID X	:	.124	-.001	-.195
CENTROID Y	:	-.045	.066	.052
POA TO CENTROID in.	:	.132	.066	.202
MIN RADIUS	:	.134	.276	.397
MEAN RADIUS	:	.923	.872	.793
MAX RADIUS	:	1.507	1.554	1.094
HORIZONTAL SPREAD	:	2.529	2.529	1.501
VERTICAL SPREAD	:	2.028	1.842	1.842
EXTREME SPREAD	:	2.905	2.609	1.866
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

20 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225357

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 2.536

VS= 2.267

GS= 2.952

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.203	1.080
MINIMUM X	:	-1.200	-1.200	-1.058
MAXIMUM Y	:	1.316	1.436	1.447
MINIMUM Y	:	-0.951	-0.831	-0.820
CENTROID X	:	.341	.474	.324
CENTROID Y	:	.148	.028	.017
POA TO CENTROID in.	:	.372	.475	.324
MIN RADIUS	:	.332	.511	.429
MEAN RADIUS	:	1.065	.998	.955
MAX RADIUS	:	1.619	1.445	1.447
HORIZONTAL SPREAD	:	2.536	2.411	2.138
VERTICAL SPREAD	:	2.267	2.267	2.267
EXTREME SPREAD	:	2.952	2.477	2.384
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225387

CENTERFIRE PATTERNS

4

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.916

VS= 2.403

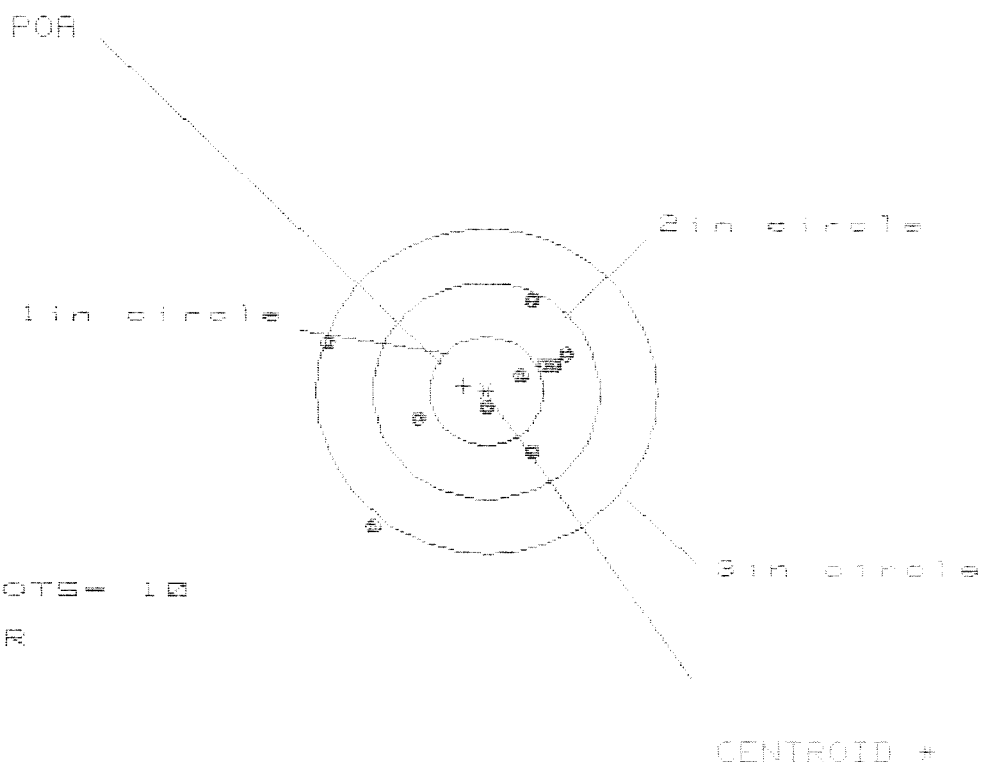
GS= 2.403

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.020	.971	.858
MINIMUM X	:	-.896	-.945	-1.058
MAXIMUM Y	:	1.235	1.083	.463
MINIMUM Y	:	-1.168	-1.031	-.895
CENTROID X	:	.220	.269	.382
CENTROID Y	:	-.329	-.466	-.602
FOR TO CENTROID in.	:	.396	.538	.713
MIN RADIUS	:	.269	.259	.178
MEAN RADIUS	:	.836	.766	.660
MAX RADIUS	:	1.310	1.411	1.088
HORIZONTAL SPREAD	:	1.916	1.916	1.916
VERTICAL SPREAD	:	2.403	2.114	1.358
EXTREME SPREAD	:	2.403	2.248	1.916
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225397

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS= 2.084

VS= 2.104

GS= 2.567

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.711	.597	.412
MINIMUM X	:	-1.373	-1.487	-.917
MAXIMUM Y	:	.822	.679	.715
MINIMUM Y	:	-1.282	-.699	-.663
CENTROID X	:	.201	.315	.500
CENTROID Y	:	-.048	.095	.059
POA TO CENTROID in.	:	.206	.329	.504
MIN RADIUS	:	.136	.221	.041
MEAN RADIUS	:	.788	.659	.485
MAX RADIUS	:	1.642	1.515	.981
HORIZONTAL SPREAD	:	2.084	2.084	1.329
VERTICAL SPREAD	:	2.104	1.378	1.378
EXTREME SPREAD	:	2.567	2.085	1.503
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225397

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	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	15 RPs Test				72491	V/H
	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						

INITIAL JJM		CUSTOMER ORDER NO.		COMMENTS W/10X SCOPE & TOOL BOX M-24 SNIPER	
DATE RECEIVED 07/02/91	DATE OPENED 07/08/91	DATE CODE	SERIAL NUMBER C6225397	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES W/STUDS		SCOPE MNTS	SCOPE BASE	HARD CASE	
					ORDER R 91-13575

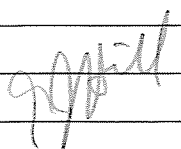
FROM:		SHIP TO:	
D CO 782ND MAINTANCE BA FORT BRAGG NC 28307 USA		D CO 782ND MAINTANCE BA FORT BRAGG NC 28307 USA	
ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST
		PROM. DATE	ESTIMATED
		VIA UPS	

REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
---------------	-----	-----------	-----	-------------	-------

GUN CONDITION: ☐ NEW ☐ SLIGHTLY WORN ☒ VERY WORN ☐ MISUSED ☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT	① RE-POWDER COAT ABL ACTION
	② RE-POWDER COAT TRIGGER GUARD
	③ RE FIX BOLT SCREW LATCH
	④ RE ZINC PLAS SCOPE RINGS & SCREWS

PARTS	REPLACED				
1-96044-SCOPE DUST COVER REAR					
					
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

MAINTENANCE REQUEST				PAGE NO		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION <i>Robert A. Bullard</i>		
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION <i>D Co. 782d Mt. Bn Ft. Bragg NC</i>			B. LOCATION			C. UNIT IDENT CODE <i>W43700</i>			
2. SERIAL NO. <i>66225397</i>		3. NOUN NOMENCLATURE <i>RIFLE 7.62</i>			4. LINE NO. <i>M/2</i>		5. MODEL <i>M-24</i>		6. NATIONAL STOCK NUMBER <i>100501-210-2136</i>		
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM		10. HOURS	11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☒ A Sch. Main.		☐ C Test	☐ E Storage	☐ G Flight	☒ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment		
☐ B Handling		☐ D Normal Op	☐ F Inspection	☐ H Other	☐ 008 Noisy		☐ 387 Low Performance		☐ Other		
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>BOLT LOCK LATCH SPRING</i>											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)			19. AMS ACCT CODE		
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
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					.					\$	
					.					\$	
					.					\$	
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One)					☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools		22. Data Transcribed				
23. SUBMITTED BY <i>RA Bullard</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE <i>1154</i>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6225397

ORDER NO.

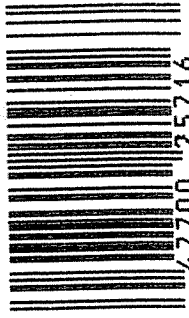
5716

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



5716 C6225397

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6725397

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel RB		11/7/99	WB
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		11/14/99	G.S.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						11/14/89	G.S.
	I) Firing Pin Indent							
	J) Assemble Stock						11/13/89	R.W.
	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	2.73	2.14	2.72	2.32	2.69	15/11/89	JS
	C) Function						15/11/89	JS
660	Pack						12/20/89	WES

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225397
DATE 14 NOV 89
TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.58	2.27	2.39	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.43	2.22	
PULL #3	2.23	2.45	2.54	
PULL #4	2.30	2.49	2.42	
PULL #5	2.40	2.50	2.29	
TOTAL	12.16	12.14	11.86	
AVG.	2.432	2.428	2.372	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.12	3.21	
PULL #2	3.21	3.38	
PULL #3	3.34	3.23	
PULL #4	3.33	3.49	
PULL #5	3.43	3.27	
TOTAL	16.43	16.58	
AVG.	3.286	3.316	

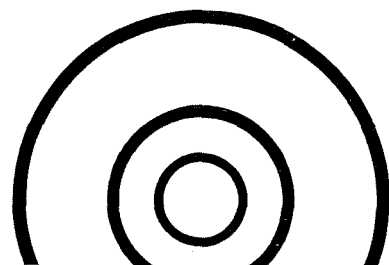
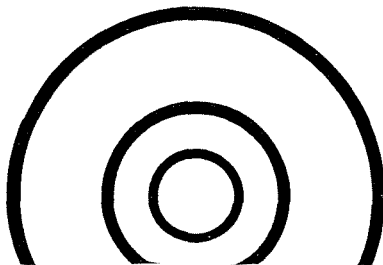
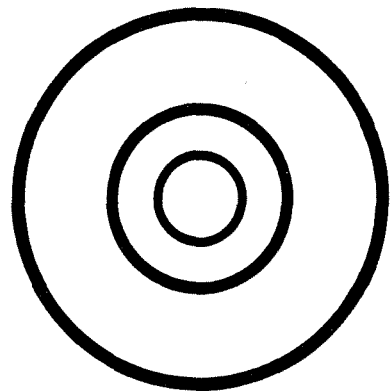
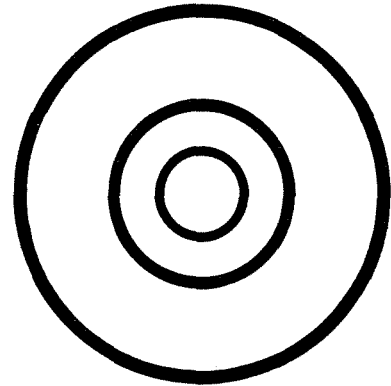
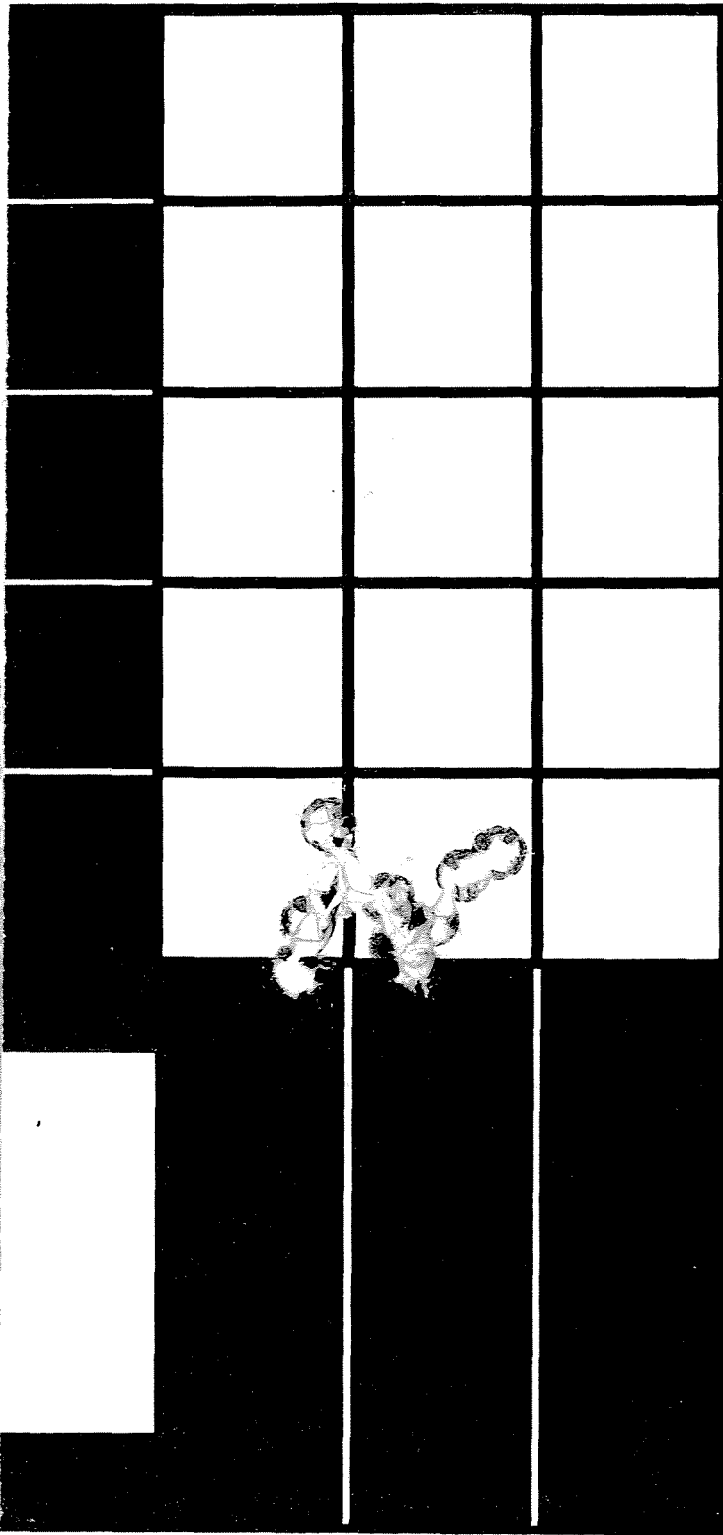
	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	3.82		4.19
PULL #2	4.12	4.08		4.01
PULL #3	4.06	3.99		4.05
PULL #4	4.03	4.01		4.24
PULL #5	4.19	3.94		4.05
TOTAL	20.55	19.84		20.54
AVG.	4.11	3.968		4.108

DA FORM 2407 EDITION OF JUL 79 IS OBSOLETE. CONTROL COPY

Distance

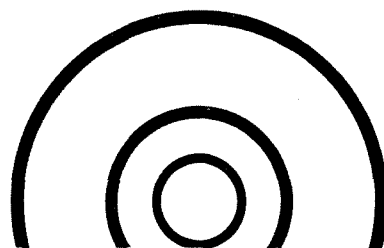
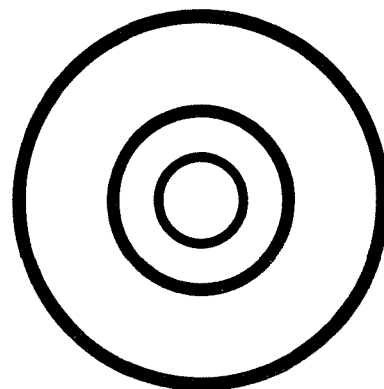
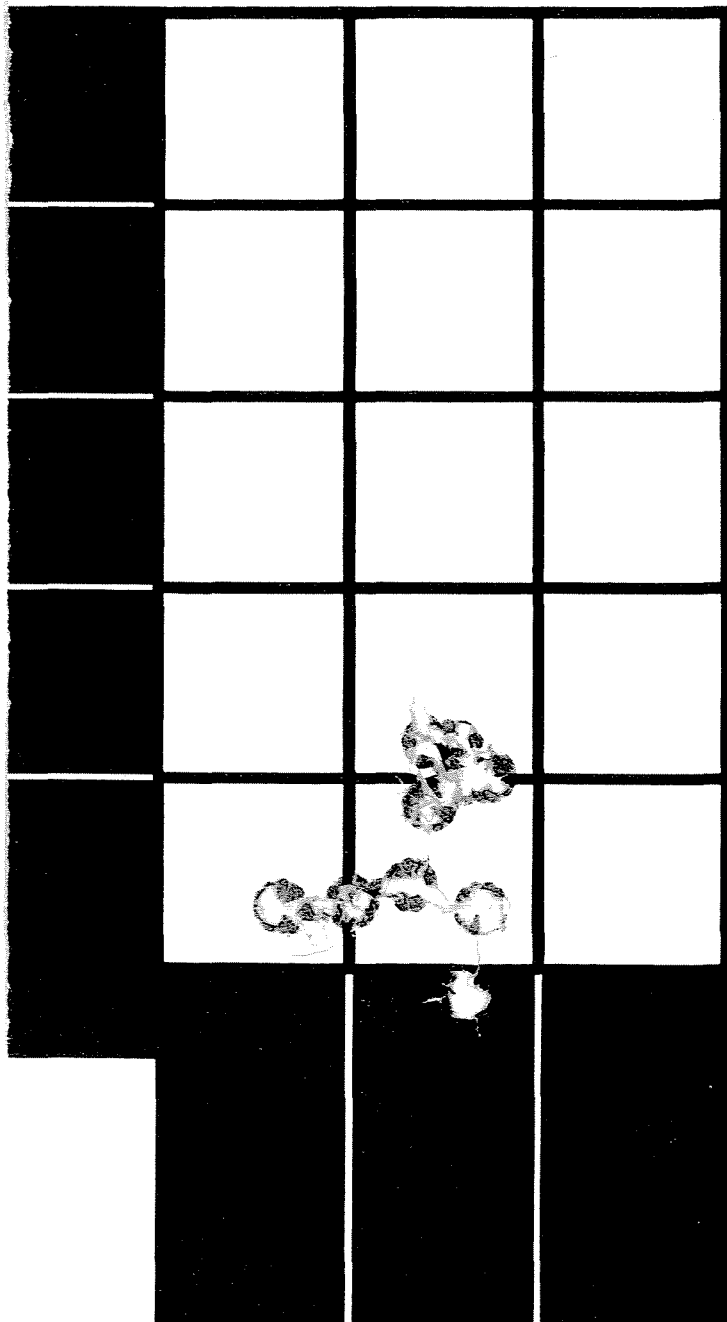
Marksman

C6225397



Distance

Marksman



MAINTENANCE REQUEST				PAGE NO		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. ID 02		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION D782 Maint			B. LOCATION FBNC 28307				C. UNIT IDENT CODE WABYDO		
2. SERIAL NO. C6225397		3. NOUN NOMENCLATURE			4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS 750	13. STARTS
FAILURE DETECTED DURING (Select one - use ☒ or X) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Broken Buttplate											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				19. AMS ACCT. CODE	
B. LOCATION											
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
					.						\$
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					.						\$
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools 22. Data Transcribed											
23. SUBMITTED BY PNBuller		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE 2037		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

R 92-04974

FROM:	SHIP TO:
D CO 782ND MAINTANCE BA	D CO 782ND MAINTANCE BA
ATTN CW2 BURKHARDT	ATTN CW2 BURKHARDT
FORT BRAGG NC 28307	FORT BRAGG NC 28307

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

RD6925 REV. 8/91

M2400060002

R 92-04974

MAINTENANCE REQUEST				PAGE NO.		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. ID 02		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION D782 Maint			B. LOCATION FBNC 28307				C. UNIT IDENT CODE WABYDO		
2. SERIAL NO. C6225397		3. NOUN NOMENCLATURE			4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS 750	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)					
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). Broken Buttplate											
B. REMARKS											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE							
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					.					\$	
					.					\$	
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$		
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools 22. Data Transcribed											
23. SUBMITTED BY PM Padley		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)	
JULIAN DATE 2037		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	

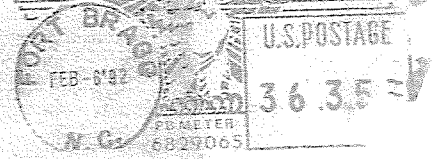
DA Label 18-1, Sep 83
Edition of Oct '74 will be used until exhausted.

DEPARTMENT OF THE ARMY

CDR. D Co. 782d Maint. Bn.
ATTN: CW2 Burkhardt
782d Mnt. Bn. Ft. Bragg, NC 28307-5000

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE. \$300

Remington Arms Co Inc.
ATTN: Custom Shop
14 Hoefler Ave.
Ilion, NY 13357



RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-29949

INITIAL JJM	CUSTOMER ORDER NO.	ATTN FRED MARTIN M-24 SNIPER W/LEUPOLD 10X SCOPE			
DATE RECEIVED 10/18/94	DATE OPENED 10/20/94	DATE CODE LJ 2-89	SERIAL NUMBER C6225397	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SCOPE MNTS SCOPE BASE					

FROM:

SHIP TO:

DEPT OF THE ARMY
COMMANDER - ATTN ARMS ROOM
82ND HHC 1/505 P.I.R.
FORT BRAGG NC 28307

DEPT OF THE ARMY
COMMANDER - ATTN ARMS ROOM
82ND HHC 1/505 P.I.R.
FORT BRAGG NC 28307

REPRINT CUST NO:106193 C.O.D.

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			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

(New Barrel) over 12,000 Rds on old Barrel

PARTS

COMMENTS

Barrel - 96003	Re powder Coat - Trigger Guard
Bolt - 96006	Assy, Front & Rear Sight Bases
Stock - 96018	Re zinc - Scope Base, Rings &
Firing pin - 96007	Swivel Studs.

REPAIRMAN RW	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER RW	DATE 10/21/94	DATE 11/1/94	DATE 11/2/94	DATE 11/2/94	DATE

W521109B06 H23.5

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400060006

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06225397

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		10/21/94	RW
600	Proof		10/21/94	RW
607	Check Headspace		10/21/94	RW
610	Dis-assemble Gun		10/21/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	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		11/1/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/1/94	RW
	C) Inspect Ejector Hole for Chamfer		11/1/94	RW
	D) Oil Firing Pin Ass'y		11/1/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/1/94	RW

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	.022	.023	.022	11/2/92	RW		
	J) Assemble Stock				11/1/94	RW		
	K) Assemble Swivel Studs				11/2/94	RW		
	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				11/2/94	RW		
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo				11/2/94	RW		
655	Final Inspection							
	A) Headspace				11/2/94	RW		
	B) Trigger Pull	2.84	2.74	2.84	2.83	2.78	11/2/94	RW
	C) Function						11/2/94	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225397
2 Nov 1994

CENTROIDAL DISTANCES

0 TO 1	.172861
1 TO 2	.277406
1 TO 3	.4061
1 TO 4	.0781857
1 TO 5	.241677

$\bar{x}$ $\bar{y}$ -----POA

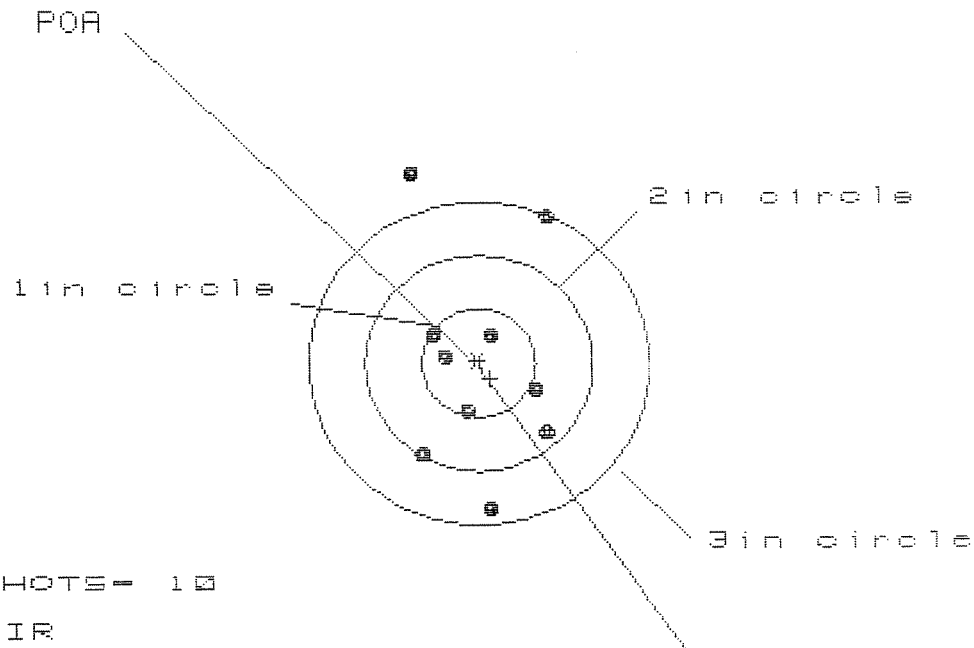
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0286
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1438
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .145636
THE AMR FOR THIS RIFLE IS: .9632

2 Nov 1934

FILE:/PATTERNING/CENTERFIRE_PATT/06225397

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.238

VS= 3.132

GS= 3.217

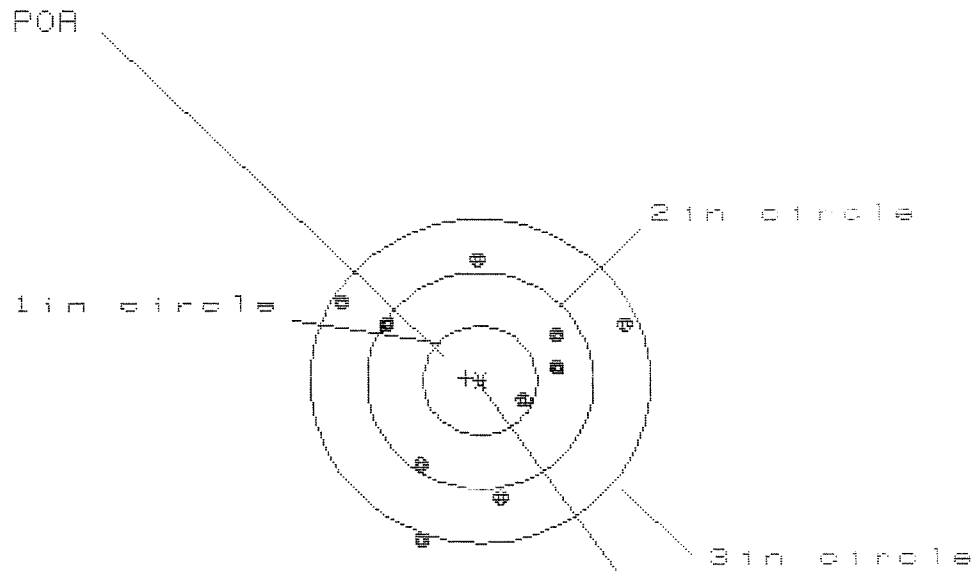
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.609	.539	.566
MINIMUM X	:	-.629	-.612	-.545
MAXIMUM Y	:	1.743	1.506	.615
MINIMUM Y	:	-1.389	-1.195	-1.007
CENTROID X	:	-.100	-.030	-.097
CENTROID Y	:	.141	-.053	-.241
POA TO CENTROID in.	:	.172	.060	.260
MIN RADIUS	:	.248	.274	.081
MEAN RADIUS	:	.856	.728	.601
MAX RADIUS	:	1.853	1.599	1.012
HORIZONTAL SPREAD	:	1.238	1.151	1.111
VERTICAL SPREAD	:	3.132	2.701	1.622
EXTREME SPREAD	:	3.217	2.747	1.701
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

2 Nov 1984

FILE://PATTERNING/CENTERFIRE_PATT/C8225397

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.469

VS= 2.614

GS= 2.681

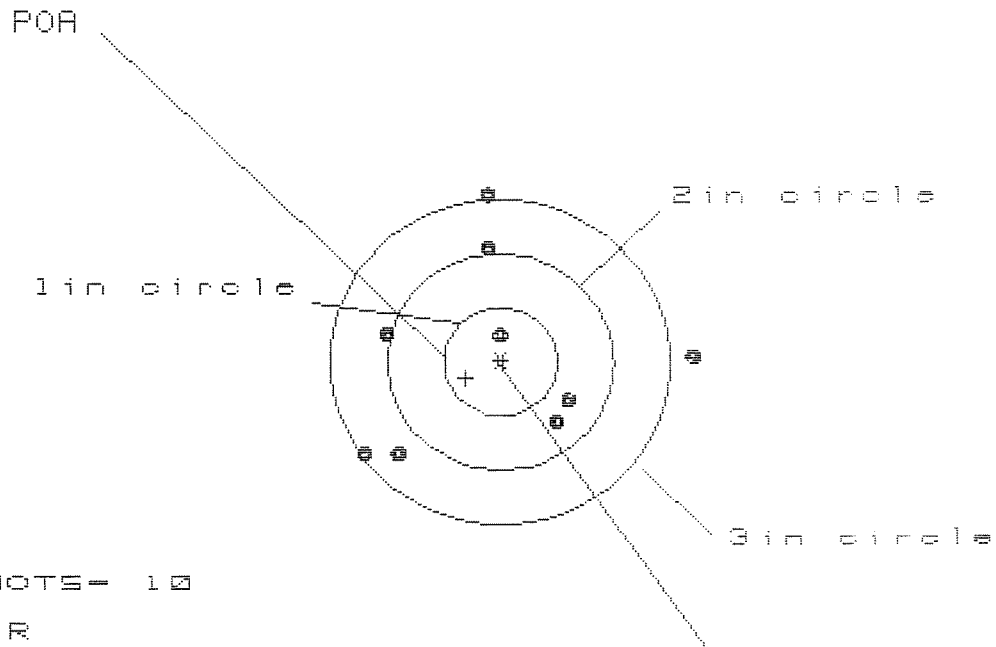
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.200	1.042
MINIMUM X	:	-1.212	-1.269	-1.086
MAXIMUM Y	:	1.146	.983	1.050
MINIMUM Y	:	-1.468	-1.201	-1.134
CENTROID X	:	.123	.181	.339
CENTROID Y	:	-.024	.139	.072
POA TO CENTROID in.	:	.126	.228	.347
MIN RADIUS	:	.441	.499	.352
MEAN RADIUS	:	1.039	.967	.879
MAX RADIUS	:	1.555	1.376	1.152
HORIZONTAL SPREAD	:	2.469	2.469	2.128
VERTICAL SPREAD	:	2.614	2.184	2.184
EXTREME SPREAD	:	2.681	2.474	2.232
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Nov 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225397

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 2.876

VS= 2.421

GS= 3.000

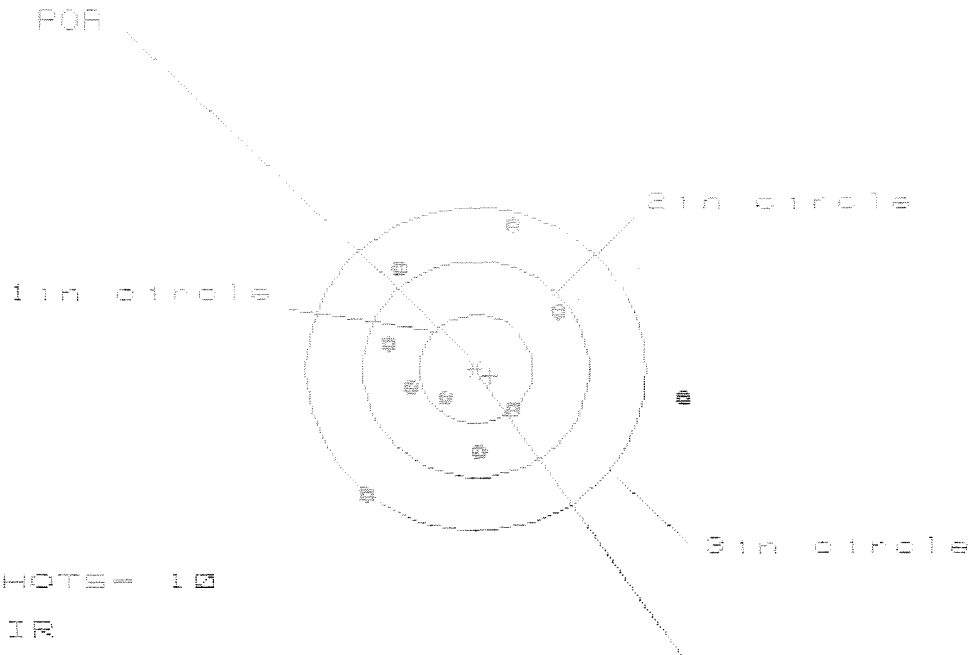
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.698	.789	.805
MINIMUM X	:	-1.177	-.989	-.973
MAXIMUM Y	:	1.560	1.562	1.285
MINIMUM Y	:	-.861	-.859	-.664
CENTROID X	:	.306	.117	.101
CENTROID Y	:	.150	.148	-.047
POA TO CENTROID in.	:	.340	.189	.111
MIN RADIUS	:	.237	.309	.483
MEAN RADIUS	:	1.047	.980	.896
MAX RADIUS	:	1.699	1.567	1.288
HORIZONTAL SPREAD	:	2.876	1.778	1.778
VERTICAL SPREAD	:	2.421	2.421	1.949
EXTREME SPREAD	:	3.000	2.649	2.201
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.842

VS= 2.540

GS= 2.873

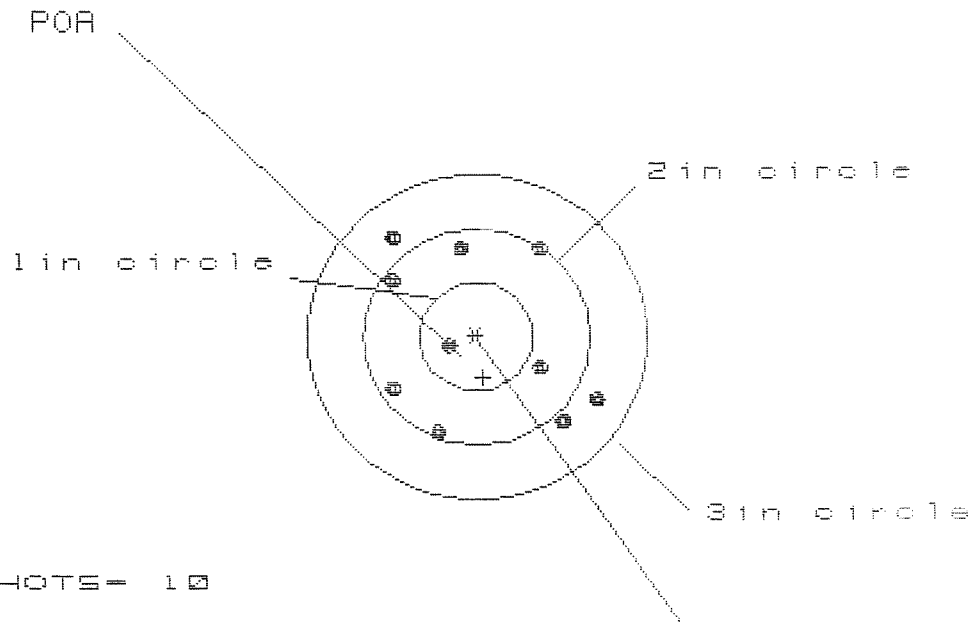
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.855	.956	.858
MINIMUM X	:	-.987	-.781	-.621
MAXIMUM Y	:	1.371	1.339	1.189
MINIMUM Y	:	-1.169	-1.201	-.959
CENTROID X	:	-.128	-.334	-.236
CENTROID Y	:	.068	.101	.251
POA TO CENTROID in.	:	.145	.349	.345
MIN RADIUS	:	.369	.272	.447
MEAN RADIUS	:	.993	.863	.812
MAX RADIUS	:	1.878	1.448	1.273
HORIZONTAL SPREAD	:	2.842	1.737	1.479
VERTICAL SPREAD	:	2.540	2.540	2.148
EXTREME SPREAD	:	2.973	2.869	2.176
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.762

VS= 1.819

GS= 2.285

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.930	.790
MINIMUM X	:	-.752	-.832	-.716
MAXIMUM Y	:	.944	.921	.865
MINIMUM Y	:	-.875	-.770	-.826
CENTROID X	:	-.058	.022	-.094
CENTROID Y	:	.379	.274	.330
POA TO CENTROID in.	:	.384	.275	.343
MIN RADIUS	:	.288	.340	.236
MEAN RADIUS	:	.881	.839	.803
MAX RADIUS	:	1.188	1.039	1.053
HORIZONTAL SPREAD	:	1.762	1.762	1.506
VERTICAL SPREAD	:	1.819	1.691	1.691
EXTREME SPREAD	:	2.285	2.058	1.965
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	