

06348929

MODEL 760™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER M24 0041850

MAINTENANCE REQUEST

For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG.

PAGE NO.

NO. OF PAGES

REQUIREMENT CONTROL SYMBOL
CSGLD-1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER		WORK ORDER NUMBER		WESDC	ORG PD	PD AUTHENTICATION				
☐ WORK REQUEST ☐ MWO ☒ WARRANTY CLAIM		1a. ORGANIZATION <i>SOTI</i> <i>HHC. 10TH SFG (A), 12SF</i>			b. LOCATION <i>6501</i> <i>FT. DEVENS, MA 01433</i>		c. UNIT IDENT CODE <i>WH08AA</i>			
2. SERIAL NO. <i>C6348929</i>		3. NOUN NOMENCLATURE <i>M24 SWS</i>		4. LINE NO. <i>R95387</i>	5. MODEL <i>Remington Bolt</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>			
7. MAINTENANCE ACTIVITY <i>Remington Corp.</i>		a. LEVEL	8. UTILIZATION CODE	9. MCSR ITEM	a. ERC	b. PACING ITEM	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use $\checkmark$ or X) ☐ A Scheduled Maintenance ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					15. FIRST INDICATION OF TROUBLE (Select one - use $\checkmark$ or X) ☒ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☐ Other					
16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) <i>While extracting a Round from chamber bolt handle</i> <i>Came off</i>										
16a. REMARKS <i>New Bolt 9/24/01</i> <i>1018 90</i>										

PREPARATION INSTRUCTIONS
(Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)

- (1) Place a " $\checkmark$ " or an "X" in the box for the type action required.
- (2) Enter the WESDC if the item is Materiel Condition Status Reportable.
- (3) Enter the priority designator as determined from the urgency of need and force activity designator.
- (4) The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.
- (5) Block 1a. Enter the name of the organization submitting the request.
- (6) Block 1b. Enter the unit submitting the request; units overseas enter APO only.
- (7) Block 1c. Enter the unit identification code of the unit in block 1a.
- (8) Block 2. Enter the equipment serial no. For ammunition, enter the lot number. For administrative use vehicles enter the USA registration number.
- (9) Block 3. Enter the noun abbreviation of the item.
- (10) Block 4. Enter the item line number, if applicable.
- (11) Block 5. Enter the model number.
- (12) Block 6. Enter the national stock number of the item listed in block 3.
- (13) Block 7. Enter the name of the support activity.
- (14) Block 7a. Enter the symbol of the maintenance category (O, F, H, D or L).
- (15) Block 8. Enter the utilization code.
- (16) Block 9. Enter the word "yes" if the item is Materiel Condition Status Reportable.
- (17) Block 9a. Enter the equipment readiness code, if applicable.
- (18) Block 9b. Enter the word "yes" if the item is a pacing item.
- (19) Block 10. Enter the hour reading, if applicable.
- (20) Block 11. Enter the mileage from the odometer, if applicable.
- (21) Block 12. Enter the total rounds fired, if applicable.
- (22) Block 13. For turbine engines, enter the number of hot starts.
- (23) Block 14. Enter a " $\checkmark$ " or an "X" in the proper block.
- (24) Block 15. Enter a " $\checkmark$ " or an "X" in the proper block.
- (25) Block 16. Describe briefly the fault or symptoms needing correction.

23. SUBMITTED BY <i>SFC KAPD</i>	24. RECEIVED BY
JULIAN DATE <i>7 Oct 01</i>	JULIAN DATE

DA FORM 2407
MAY 81

EDITION OF JUL 79 IS OBSOLETE.

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0041850

Remington[®]

MODEL 700[™] M24

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

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

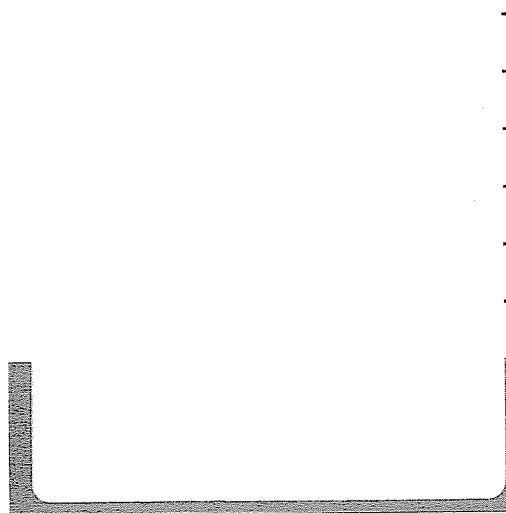
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6348929

ORDER NO.
5716

UPC

0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348929

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KER
	Magnaflux Bolt	deep scratches only w.B	9/1/89	PJC
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel R/B	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		26 Sept 89	SL

op. #	Op. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			9/26/89	99/
	G) Safety Off Force	3	3	3			9/26/89	99/
	H) Trigger Pull Test & Retainability						26 Sept 89	928
	I) Firing Pin Indent	.0205	.021	.021			9/26/89	99/
	J) Assemble Stock						9/27/89	RW
	K) Assemble Swivel Studs						6/28/89	9D
	L) Attach Front and Rear Sight Assemblies						9/27/89	RW
	M) Iron Sight Alignment						9/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						9/27/89	RW
	O) Attach Scope to Rifle						9/27/89	99/
	P) Detach & Attach Scope 20 Times						9/27/89	99/
640	Gallery Target & Test						9-28-89	99/
	A) Time						9-28-89	99/
	B) Malfunctions						9-28-89	99/
	C) Pierced Primers						9-28-89	99/
	D) Optical Clarity of Scope						9-28-89	99/
645	Inspect for Live Ammo						9-28-89	99/
655	Final Inspection						6/28/89	928
	A) Headspace						6/28/89	928
	B) Trigger Pull	265	265	251	263	254	6/28/89	928
	C) Function						6/28/89	928
660	Pack						19 Dec 89	928

SWS TRIGGER PULL TEST

BARBER - M24 0041855

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 8929

DATE 3-22-90

TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.18		2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.14		2.46	
PULL #3	2.34	2.11		2.34	
PULL #4	2.38	2.33		2.18	
PULL #5	2.06	2.35		2.17	
TOTAL	11.52	11.11		11.56	
AVG.	2.304	2.222		2.312	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.22		
PULL #2	3.24	3.10		
PULL #3	3.27	3.27		
PULL #4	3.25	3.21		
PULL #5	3.19	3.23		
TOTAL	16.18	16.03		
AVG.	3.236	3.206		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.32		
PULL #2	4.38	4.35		
PULL #3	4.35	4.30		
PULL #4	4.33	4.32		
PULL #5	4.32	4.34		
TOTAL	21.68	21.68		
AVG.	4.336	4.336		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348929
29 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.392837
1 TO	2	.503759
1 TO	3	.246862
1 TO	4	1.02789
1 TO	5	.337004

SL
E
+
K----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2826
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1826
THE AMR FOR THIS RIFLE IS: 1.34

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B929.1

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 4.00E4

VS= 2.389

GS= 4.090

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.258	1.610	1.415
MINIMUM X	-1.806	-1.555	-1.359
MAXIMUM Y	1.263	1.265	1.325
MINIMUM Y	-1.126	-1.124	-1.064
CENTROID X	.240	-.011	.184
CENTROID Y	.311	.309	.249
POR TO CENTROID in.	.393	.309	.310
MIN RADIUS	.167	.202	.200
MEAN RADIUS	1.230	1.070	1.018
MAX RADIUS	2.258	1.963	1.771
HORIZONTAL SPREAD	4.064	3.165	2.774
VERTICAL SPREAD	2.389	2.389	2.389
EXTREME SPREAD	4.090	3.547	2.973
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348929
29 Sep 1989

CENTROIDAL DISTANCES

0	TO	1	.392837
1	TO	2	.503759
1	TO	3	.246862
1	TO	4	1.02789
1	TO	5	.337004

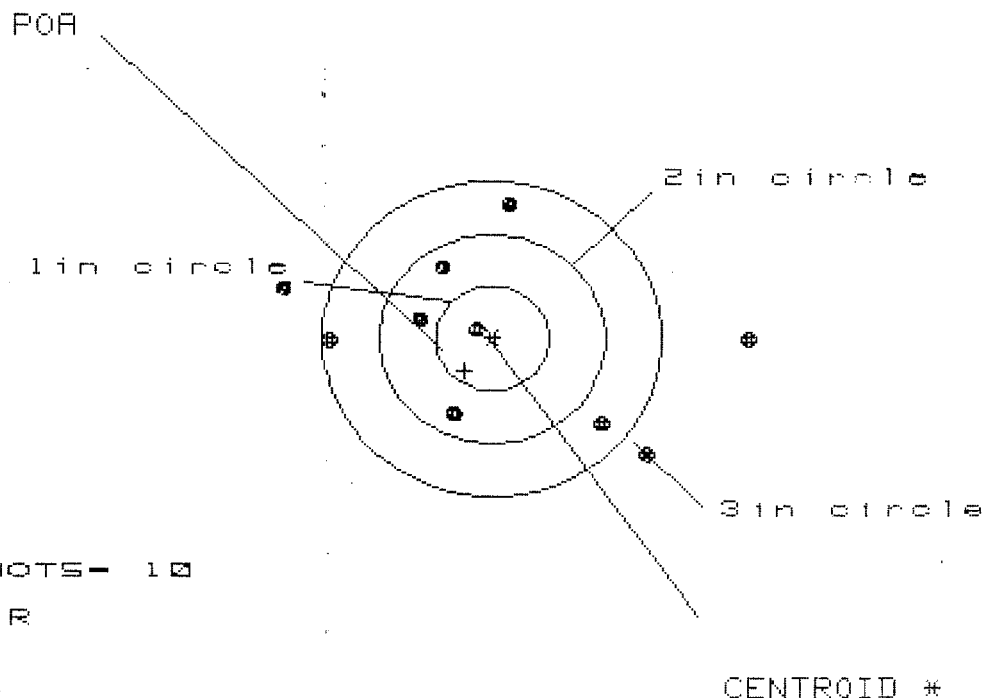
SL
E <----POA
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2826
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0002
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .2826
THE AMR FOR THIS RIFLE IS: 1.34

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348329.1

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS = 4.064

VS = 2.389

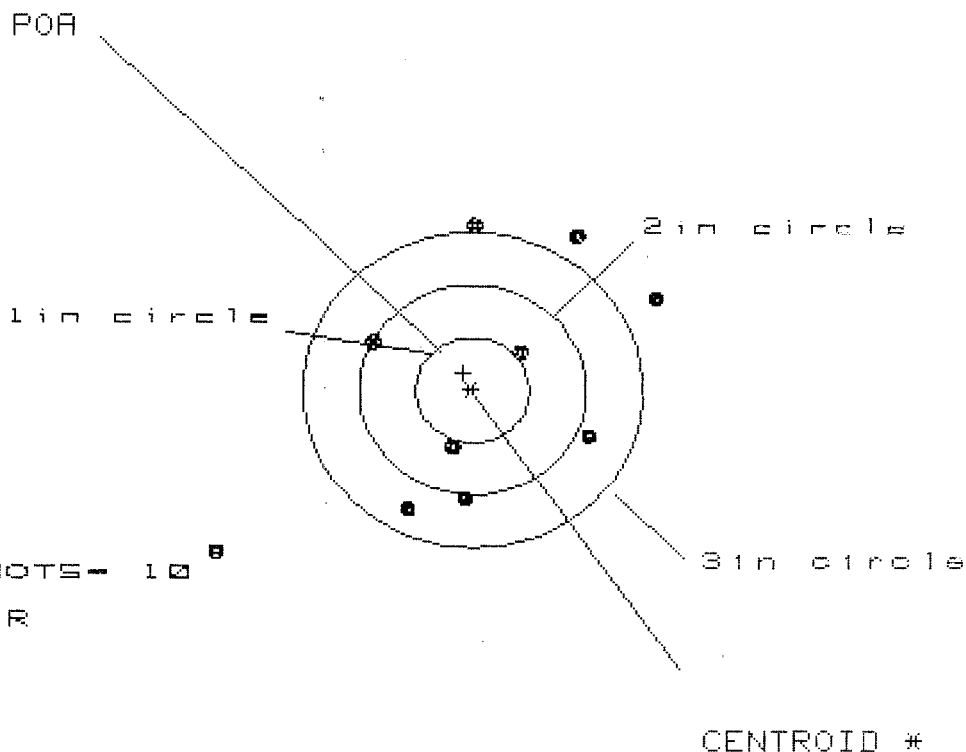
GS = 4.080

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.258	1.610	1.415
MINIMUM X	:	-1.806	-1.555	-1.359
MAXIMUM Y	:	1.263	1.265	1.325
MINIMUM Y	:	-1.126	-1.124	-1.064
CENTROID X	:	.240	-.011	.184
CENTROID Y	:	.311	.309	.249
POA TO CENTROID in.	:	.393	.309	.310
MIN RADIUS	:	.167	.202	.200
MEAN RADIUS	:	1.230	1.070	1.018
MAX RADIUS	:	2.258	1.963	1.771
HORIZONTAL SPREAD	:	4.064	3.165	2.774
VERTICAL SPREAD	:	2.389	2.389	2.389
EXTREME SPREAD	:	4.080	3.547	2.973
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	7		

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929.1

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 4

3 in - 6

HS - 3.877

VS - 3.076

GS - 4.547

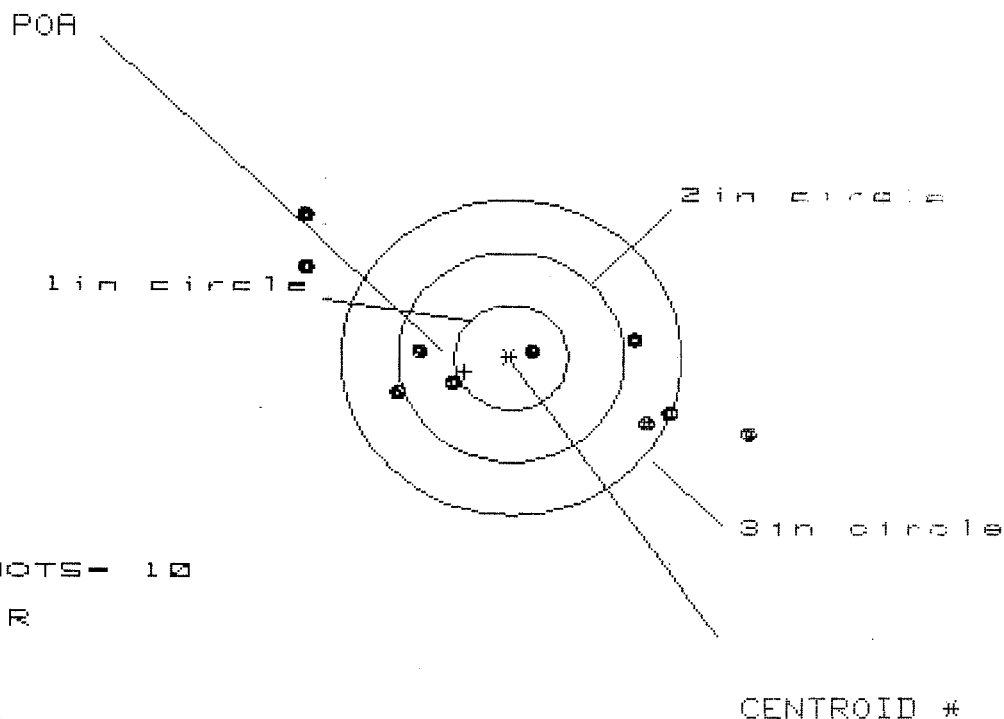
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	1.340	.921
MINIMUM X	:	-2.283	-1.119	-.951
MAXIMUM Y	:	1.539	1.368	1.452
MINIMUM Y	:	-1.537	-1.339	-1.255
CENTROID X	:	.078	.332	.164
CENTROID Y	:	-.166	.005	-.079
POA TO CENTROID in.	:	.184	.332	.182
MIN RADIUS	:	.499	.197	.377
MEAN RADIUS	:	1.331	1.143	1.093
MAX RADIUS	:	2.752	1.593	1.622
HORIZONTAL SPREAD	:	3.877	2.459	1.872
VERTICAL SPREAD	:	3.076	2.707	2.707
EXTREME SPREAD	:	4.547	3.056	3.056
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 3

3 in = 7

HS- 3.895

VS= 2.061

GS= 4.407

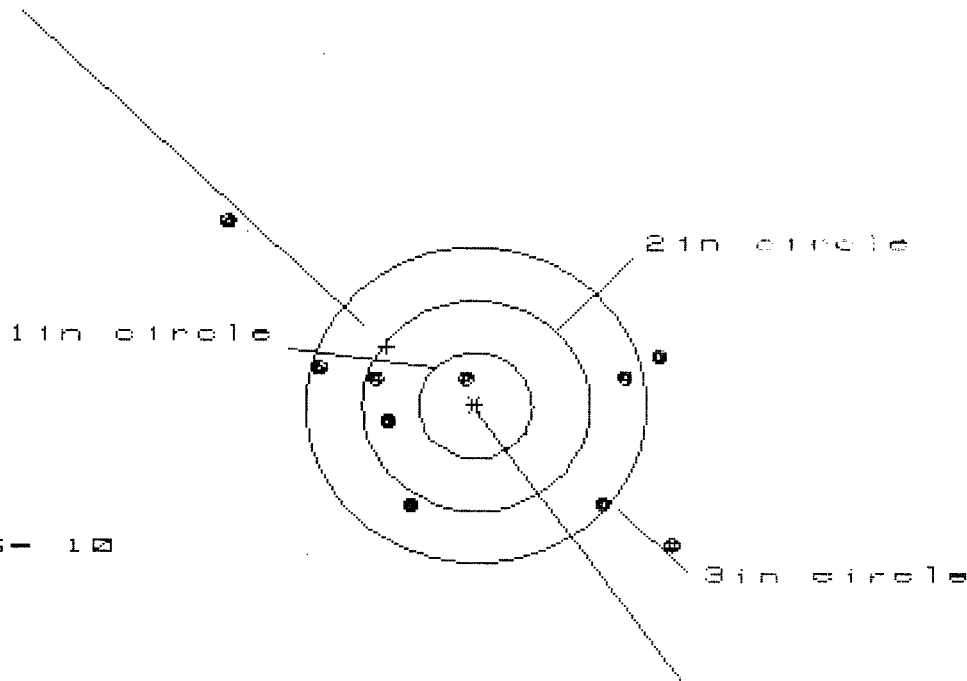
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.083	1.882	1.405
MINIMUM X	:	-1.812	-1.998	-1.762
MAXIMUM Y	:	1.333	.990	.918
MINIMUM Y	:	-.728	-.580	-.559
CENTROID X	:	.410	.611	.376
CENTROID Y	:	.132	-.016	.056
POA TO CENTROID in.	:	.430	.611	.380
MIN RADIUS	:	.234	.176	.285
MEAN RADIUS	:	1.290	1.167	1.052
MAX RADIUS	:	2.249	2.230	1.987
HORIZONTAL SPREAD	:	3.895	3.880	3.167
VERTICAL SPREAD	:	2.061	1.570	1.477
EXTREME SPREAD	:	4.407	4.186	3.451
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B329.1

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 3

3 in - 7

HS- 3.864

VS- 3.142

GS- 4.980

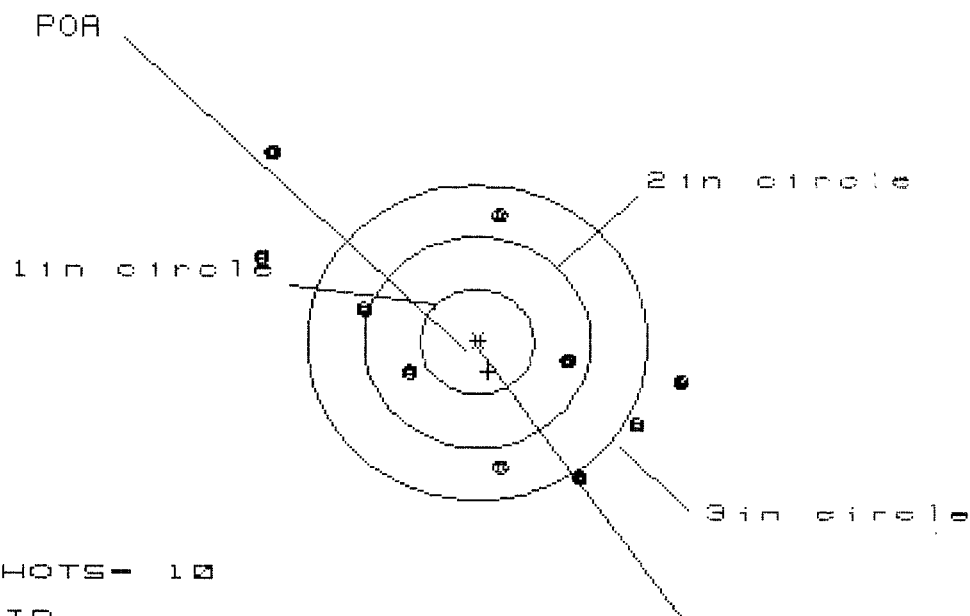
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.718	1.480	1.597
MINIMUM X	:	-2.146	-1.575	-1.391
MAXIMUM Y	:	1.784	.653	.508
MINIMUM Y	:	-1.358	-1.160	-.932
CENTROID X	:	.781	1.019	.835
CENTROID Y	:	-.563	-.761	-.616
POA TO CENTROID in.	:	.963	1.272	1.037
MIN RADIUS	:	.290	.563	.354
MEAN RADIUS	:	1.401	1.262	1.138
MAX RADIUS	:	2.791	1.880	1.676
HORIZONTAL SPREAD	:	3.864	3.055	2.988
VERTICAL SPREAD	:	3.142	1.813	1.440
EXTREME SPREAD	:	4.980	3.515	2.989
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

29 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929.1

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 2

3 in - 5

HS- 3.655

VS- 3.098

GS- 4.161

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.798	1.603	1.346
MINIMUM X	:	-1.857	-2.052	-1.441
MAXIMUM Y	:	1.790	1.401	1.531
MINIMUM Y	:	-1.308	-1.110	-.980
CENTROID X	:	-.096	.099	.356
CENTROID Y	:	.285	.087	-.043
POA TO CENTROID in.	:	.301	.132	.358
MIN RADIUS	:	.684	.564	.326
MEAN RADIUS	:	1.447	1.287	1.107
MAX RADIUS	:	2.508	2.298	1.582
HORIZONTAL SPREAD	:	3.655	3.655	2.787
VERTICAL SPREAD	:	3.098	2.511	2.511
EXTREME SPREAD	:	4.161	3.850	2.873
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348929
28 Sep 1989

CENTROIDAL DISTANCES

0	TO	1	.298292
1	TO	2	.355913
1	TO	3	.653184
1	TO	4	.491906
1	TO	5	.781553

4+12 <----POA
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0466
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3426
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .345755
THE AMR FOR THIS RIFLE IS: 1.469

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B923

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 3

HS- 2.409

VS- 4.899

GS- 4.915

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.846	.887	.937
MINIMUM X	:	-1.563	-1.522	-1.411
MAXIMUM Y	:	1.974	1.649	1.839
MINIMUM Y	:	-2.925	-1.887	-1.697
CENTROID X	:	.267	.226	.115
CENTROID Y	:	-.133	.192	.002
POA TO CENTROID in.	:	.298	.297	.115
MIN RADIUS	:	.502	.639	.564
MEAN RADIUS	:	1.545	1.387	1.313
MAX RADIUS	:	2.948	1.915	1.843
HORIZONTAL SPREAD	:	2.409	2.409	2.348
VERTICAL SPREAD	:	4.899	3.536	3.536
EXTREME SPREAD	:	4.915	3.550	3.550
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	3		

28 Sep. 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 1

2in = 2

3in = 4

HS = 4.255

VS = 3.511

GS = 4.669

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.618	1.325	1.225
MINIMUM X	:	-2.637	-1.549	-1.649
MAXIMUM Y	:	1.792	1.601	1.302
MINIMUM Y	:	-1.719	-1.772	-1.572
CENTROID X	:	.610	.903	1.003
CENTROID Y	:	-.038	.153	-.047
POA TO CENTROID in.	:	.611	.916	1.004
MIN RADIUS	:	.335	.411	.426
MEAN RADIUS	:	1.551	1.308	1.228
MAX RADIUS	:	3.148	2.078	2.101
HORIZONTAL SPREAD	:	4.255	2.874	2.874
VERTICAL SPREAD	:	3.511	3.373	2.874
EXTREME SPREAD	:	4.669	3.418	3.418
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		4	

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348923

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS = 3.233

VS = 3.321

GS = 3.646

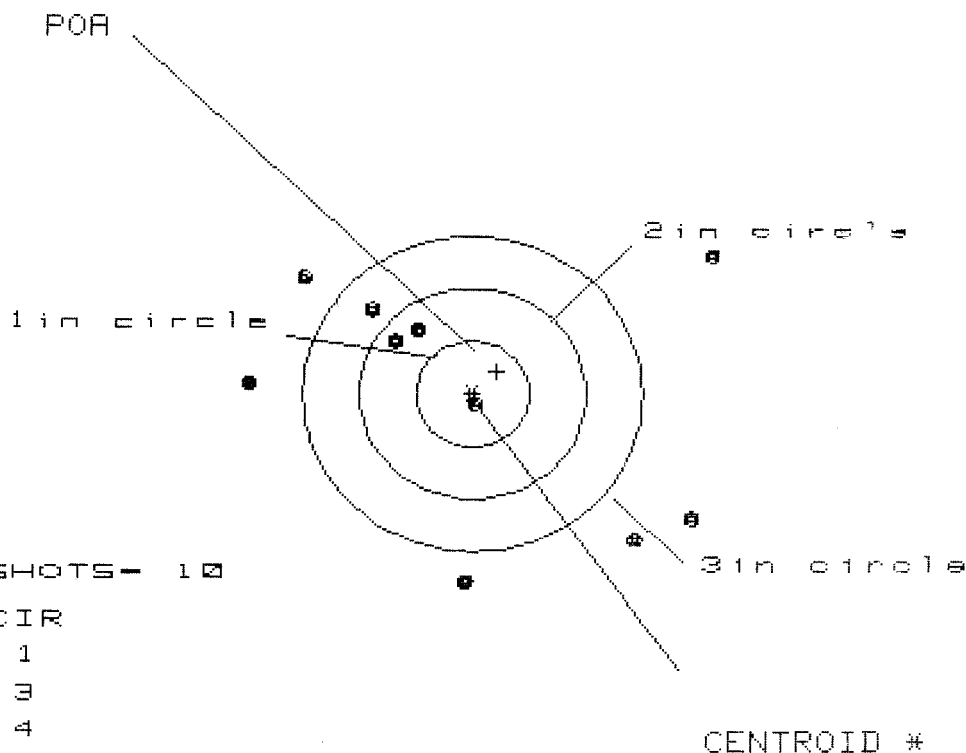
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.469	1.273	1.216
MINIMUM X	:	-1.764	-1.776	-1.833
MAXIMUM Y	:	2.114	1.979	1.914
MINIMUM Y	:	-1.207	-1.310	-1.062
CENTROID X	:	-.176	.020	.077
CENTROID Y	:	-.613	-.478	-.726
POA TO CENTROID in.	:	.637	.479	.730
MIN RADIUS	:	.365	.281	.288
MEAN RADIUS	:	1.437	1.334	1.203
MAX RADIUS	:	2.137	2.031	2.156
HORIZONTAL SPREAD	:	3.233	3.049	3.049
VERTICAL SPREAD	:	3.321	3.289	2.976
EXTREME SPREAD	:	3.646	3.554	3.503
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 4

HS = 4.086

VS = 3.025

GS = 4.242

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.104	2.140	1.959
MINIMUM X	:	-1.982	-1.748	-1.480
MAXIMUM Y	:	1.266	1.216	1.081
MINIMUM Y	:	-1.759	-1.618	-1.753
CENTROID X	:	-.219	-.453	-.721
CENTROID Y	:	-.209	-.350	-.215
POA TO CENTROID in.	:	.303	.572	.752
MIN RADIUS	:	.043	.264	.500
MEAN RADIUS	:	1.521	1.410	1.226
MAX RADIUS	:	2.456	2.397	2.424
HORIZONTAL SPREAD	:	4.086	3.888	3.439
VERTICAL SPREAD	:	3.025	2.834	2.834
EXTREME SPREAD	:	4.242	4.115	3.868
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	4		

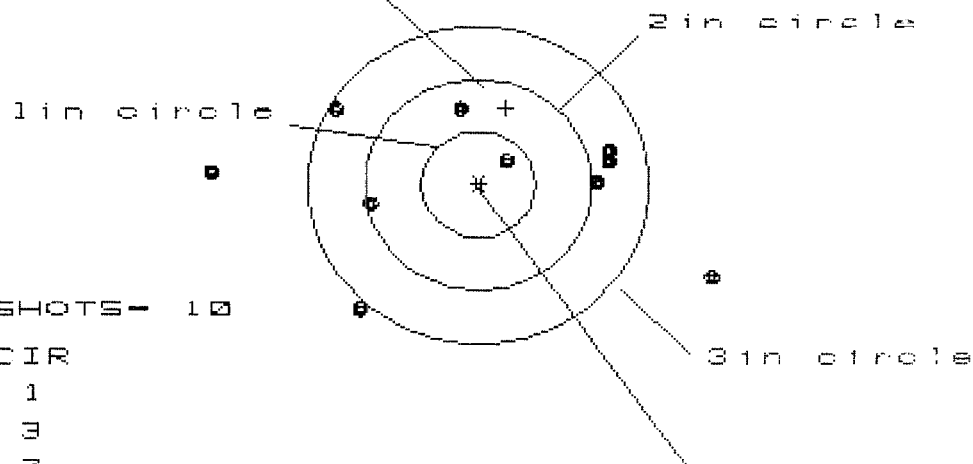
28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348329

CENTERFIRE PATTERNS

5

POA



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 3

3 in - 7

HS - 4.378

VS - 1.964

GS - 4.476

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.071	1.815	1.144
MINIMUM X	:	-2.307	-1.469	-1.243
MAXIMUM Y	:	.767	.775	.669
MINIMUM Y	:	-1.197	-1.189	-1.295
CENTROID X	:	-.249	.007	-.219
CENTROID Y	:	-.720	-.728	-.622
POA TO CENTROID in.	:	.762	.728	.660
MIN RADIUS	:	.302	.236	.214
MEAN RADIUS	:	1.290	1.143	1.022
MAX RADIUS	:	2.308	2.004	1.692
HORIZONTAL SPREAD	:	4.378	3.284	2.387
VERTICAL SPREAD	:	1.964	1.964	1.964
EXTREME SPREAD	:	4.476	3.664	2.716
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348929
5 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.0813204
1 TO	2	1.08123
1 TO	3	1.08666
1 TO	4	.116276
1 TO	5	.328824

3
5 2 <----POA
★

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4142
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .309
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .516762

THE AMR FOR THIS RIFLE IS: .9614

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929.J.)

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.571

VS= 2.728

GS= 4.097

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.393	1.151	.931
MINIMUM X	:	-2.178	-.854	-.710
MAXIMUM Y	:	1.337	1.263	1.072
MINIMUM Y	:	-1.391	-1.465	-1.307
CENTROID X	:	.078	.320	.176
CENTROID Y	:	.023	.097	-.061
POA TO CENTROID in.	:	.081	.335	.186
MIN RADIUS	:	.364	.566	.358
MEAN RADIUS	:	1.044	.921	.784
MAX RADIUS	:	2.279	1.709	1.363
HORIZONTAL SPREAD	:	3.571	2.005	1.641
VERTICAL SPREAD	:	2.728	2.728	2.379
EXTREME SPREAD	:	4.097	3.204	2.541
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

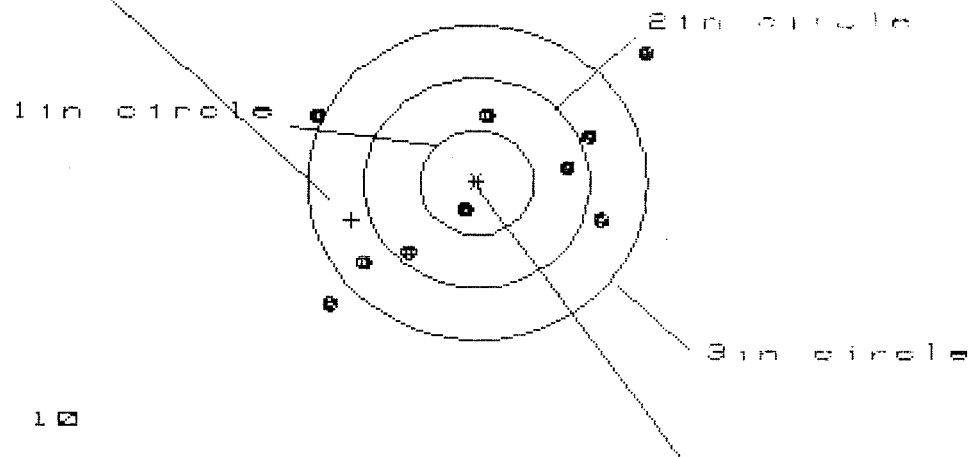
5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B929.1.1

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in - 7

HS- 2.858

VS= 2.352

GS= 3.651

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.486	1.215	1.072
MINIMUM X	:	-1.372	-1.206	-1.349
MAXIMUM Y	:	1.234	.823	.701
MINIMUM Y	:	-1.118	-.981	-.769
CENTROID X	:	1.107	.941	1.084
CENTROID Y	:	.355	.218	.340
POA TO CENTROID in.	:	1.162	.966	1.136
MIN RADIUS	:	.235	.111	.214
MEAN RADIUS	:	1.121	1.014	.945
MAX RADIUS	:	1.932	1.504	1.487
HORIZONTAL SPREAD	:	2.858	2.421	2.421
VERTICAL SPREAD	:	2.352	1.804	1.470
EXTREME SPREAD	:	3.651	2.786	2.622
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

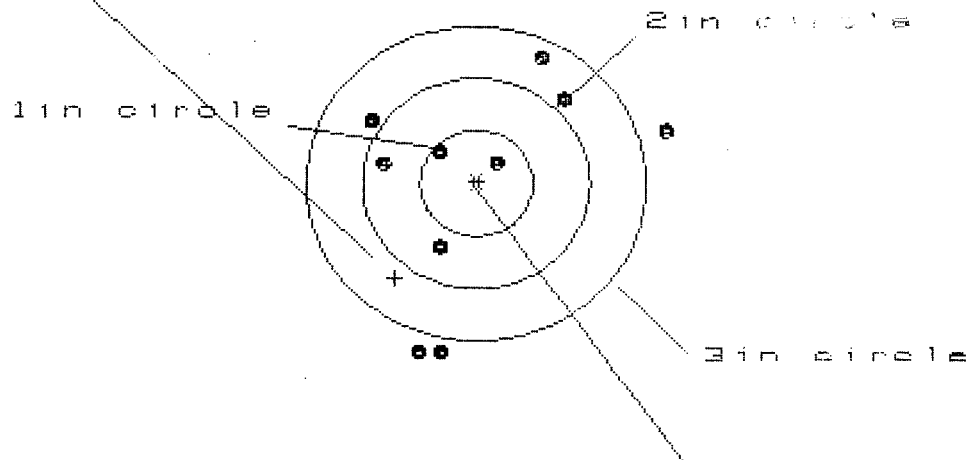
5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346929.1.1

CENTERFIRE PATTERNS

3

POA



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 4

3 in - 7

HS - 2.663

VS - 2.773

GS - 3.022

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.716	1.000	.957
MINIMUM X	:	-.947	-.757	-.800
MAXIMUM Y	:	1.213	1.264	1.075
MINIMUM Y	:	-1.560	-1.509	-1.696
CENTROID X	:	.721	.531	.574
CENTROID Y	:	.899	.848	1.037
POA TO CENTROID in.	:	1.153	1.001	1.185
MIN RADIUS	:	.256	.347	.209
MEAN RADIUS	:	1.087	.992	.886
MAX RADIUS	:	1.775	1.548	1.704
HORIZONTAL SPREAD	:	2.663	1.757	1.757
VERTICAL SPREAD	:	2.773	2.773	2.771
EXTREME SPREAD	:	3.022	2.999	.919
NUMBER IN ONE INCH CIRCLE	=			
NUMBER IN TWO INCH CIRCLE	=			
NUMBER IN THREE INCH CIRCLE	=			

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B929.1.1

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIRC

1in = 4

2in = 5

3in = 9

HS = 2.980

VS = 2.210

GS = 2.983

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	.435	.284
MINIMUM X	:	-1.386	-1.209	-.383
MAXIMUM Y	:	.994	.996	.983
MINIMUM Y	:	-1.216	-1.214	-1.227
CENTROID X	:	.130	-.047	.104
CENTROID Y	:	-.081	-.083	-.070
POA TO CENTROID in.	:	.153	.096	.125
MIN RADIUS	:	.177	.284	.200
MEAN RADIUS	:	.771	.679	.592
MAX RADIUS	:	1.594	1.242	1.232
HORIZONTAL SPREAD	:	2.980	1.644	.667
VERTICAL SPREAD	:	2.210	2.210	2.210
EXTREME SPREAD	:	2.983	2.210	2.210
NUMBER IN ONE INCH CIRCLE	=			
NUMBER IN TWO INCH CIRCLE	=			
NUMBER IN THREE INCH CIRCLE	=			

5 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348929.1..

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.831

VS = 2.269

GS = 2.464

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.766	.762	.629
MINIMUM X	-1.065	-1.069	-.774
MAXIMUM Y	1.420	.859	.777
MINIMUM Y	-.849	-.691	-.773
CENTROID X	.035	.039	.172
CENTROID Y	.349	.191	.273
POA TO CENTROID in.	.351	.195	.323
MIN RADIUS	.058	.101	.127
MEAN RADIUS	.784	.716	.626
MAX RADIUS	1.420	1.255	1.094
HORIZONTAL SPREAD	1.831	1.831	1.403
VERTICAL SPREAD	2.269	1.553	1.550
EXTREME SPREAD	2.464	1.974	1.811
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

Repair Number: **RE00018370** Serial: C6348929 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 12/5/00 7:40:52 AM

Verify Repair

Address Information

Customer: ☒ Received From: Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 2: PO Box: PO Box:

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing																		
Contact Information: Phone: Fax: Email: Comments:	Received Condition: Condition: Poor Notes: CSP: 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>1</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</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> </tbody> </table>			Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1
Code	Desc	Qty																				
A007	With Stud	1																				
A008	With Swivel	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A026	Scope	1																				

Repair Search Refresh Close

naglet 12/5/00 9:36 AM NUM

Start [Icons] 9:36 AM

Number: **C6348929**

Model: **700**



RE00018370

Final Inspection

Sn: C6348929

DATE REC'D: 11-30-00

DATE RET'D:

Auditor: CK

Item:

Barrel Assy.

- ☐ BARREL
- ☐ RECEIVER
- ☐ FRONT SIGHT BLOCK
- ☐ REAR SIGHT BLOCK
- ☐ SCREWS
- ☐ FINISH

Scope Assy.

- ☐ Scope
- ☐ Scope Rings
- ☐ Mounting Screws
- ☐ Mounting Base
- ☐ Screws
- ☐ Finish
- ☐ Looseness
- ☐ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☐ Stock
- ☐ Sling Swivel Studs
- ☐ ADJUSTABLE BUTT PLATE
- ☐ LOCK NUTS
- ☐ BARREL CLEARANCE
- ☐ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ Iron SIGHTS
- ☐ Deployment Kit

Trigger

- ☐ SAFETY OPERATION
- ☐ SET

Comments:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 18370			
SERIAL NUMBER C6348929			
LOG-IN DATE 11-30-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-4-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-10-00	CK
605	CHECK HEADSPACE	12-10-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-14-00	CK
655	FINAL INSPECT	12-28-00	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0041879

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348929
16 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0508
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0186
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0540981

THE AMR FOR THIS RIFLE IS: 1.044

CENTROIDAL DISTANCES

Ø TO	1	.287383
1 TO	2	.478432
1 TO	3	.4122
1 TO	4	.494955
1 TO	5	.410122

5
+
2 4 1 <----POA

BARBER - M24 0041880

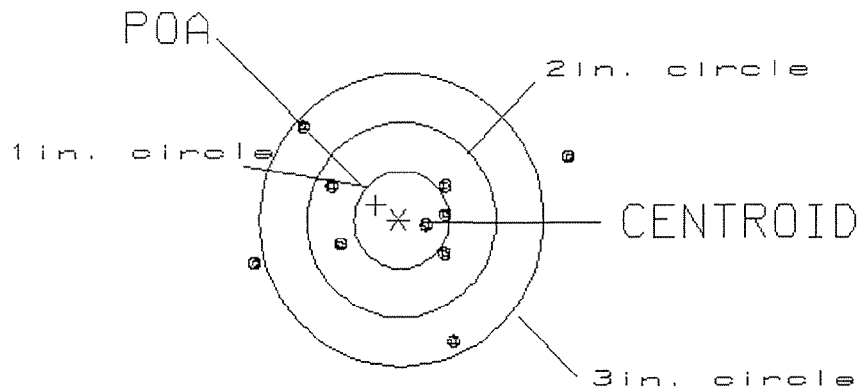
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
POA TO CENTROID: .287
MIN RADIUS : .295
MEAN RADIUS : .961
MAX RADIUS : 1.902
CENTROID X : .242
CENTROID Y : -.155

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.29

2

VS= 2.15

6

GS= 3.45

8

BARBER - M24 0041881

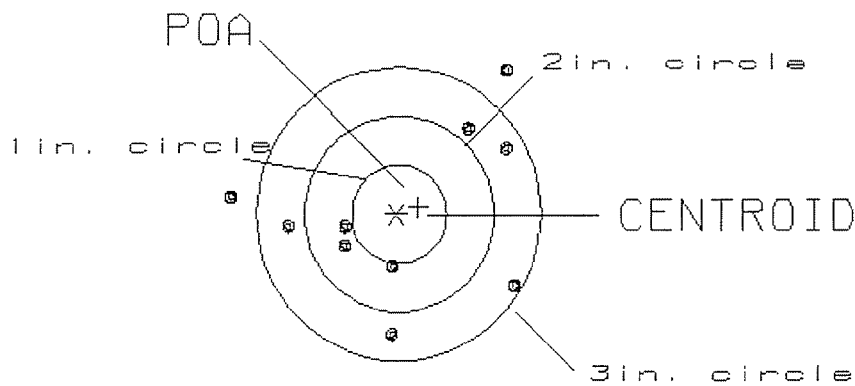
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
POA TO CENTROID: .239
MIN RADIUS : .499
MEAN RADIUS : 1.163
MAX RADIUS : 1.814
CENTROID X : -.229
CENTROID Y : -.071

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929.1

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.00
VS= 2.72
GS= 3.13

1
3
8

BARBER - M24 0041882

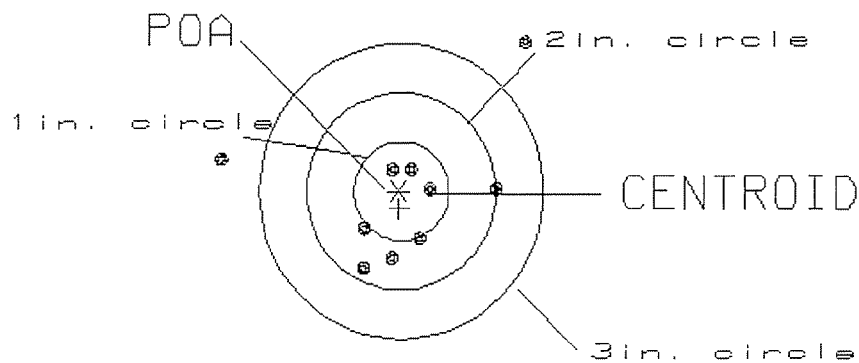
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .175
MIN RADIUS : .228
MEAN RADIUS : .839
MAX RADIUS : 2.002
CENTROID X : -.005
CENTROID Y : .175

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.20

3

VS= 2.23

6

GS= 3.41

8

BARBER - M24 0041883

REMINGTON CENTERFIRE ACCURACY TEST

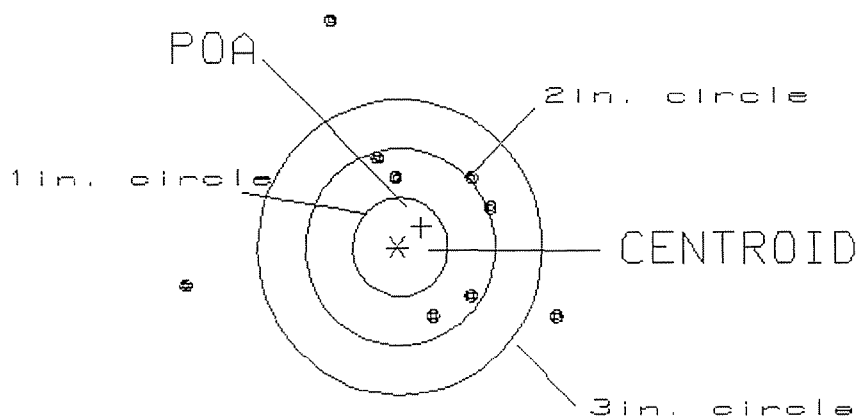
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
POA TO CENTROID: .326
MIN RADIUS : .705
MEAN RADIUS : 1.502
MAX RADIUS : 3.110
CENTROID X : -.250
CENTROID Y : -.209

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.92

0

VS= 5.14

4

GS= 5.17

6

BARBER - M24 0041884

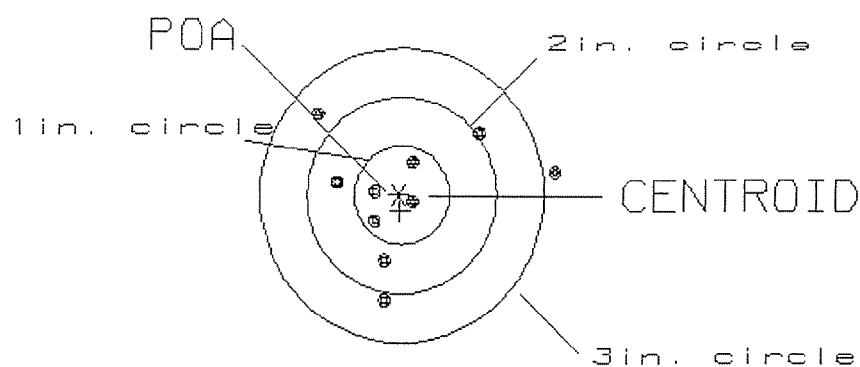
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
POA TO CENTROID: .168
MIN RADIUS : .159
MEAN RADIUS : .756
MAX RADIUS : 1.600
CENTROID X : -.012
CENTROID Y : .167

15 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929.1

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.49

4

VS= 1.91

6

GS= 2.55

9

BARBER - M24 0041885

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348929
11 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.6514
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1096
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .660556

THE AMR FOR THIS RIFLE IS: 1.47

CENTROIDAL DISTANCES

0 TO	1	.97985
1 TO	2	1.48722
1 TO	3	1.07675
1 TO	4	1.64354
1 TO	5	1.60822

1
3
+ <----POA
2
45

BARBER - M24 0041886

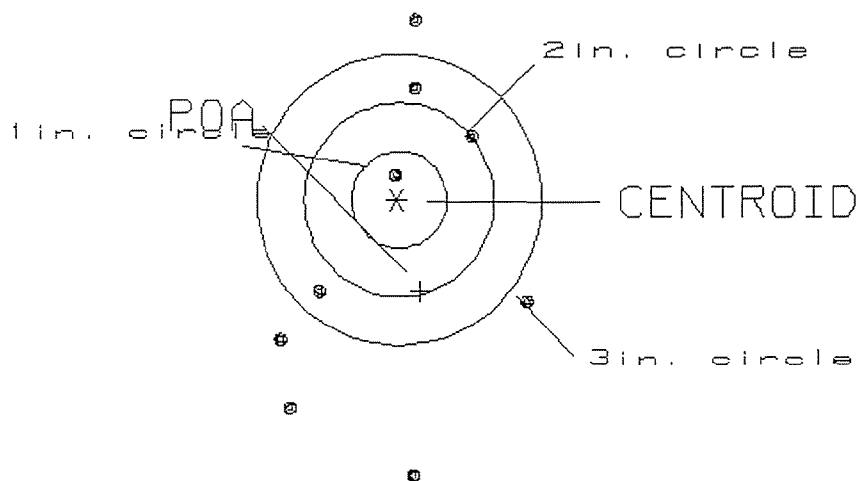
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
POA TO CENTROID: .980
MIN RADIUS : .230
MEAN RADIUS : 1.884
MAX RADIUS : 4.561
CENTROID X : -.259
CENTROID Y : .945

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.51
VS= 7.29
GS= 7.33

1
1
4

BARBER - M24 0041887

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: 1.101

MIN RADIUS : .327

MEAN RADIUS : 1.147

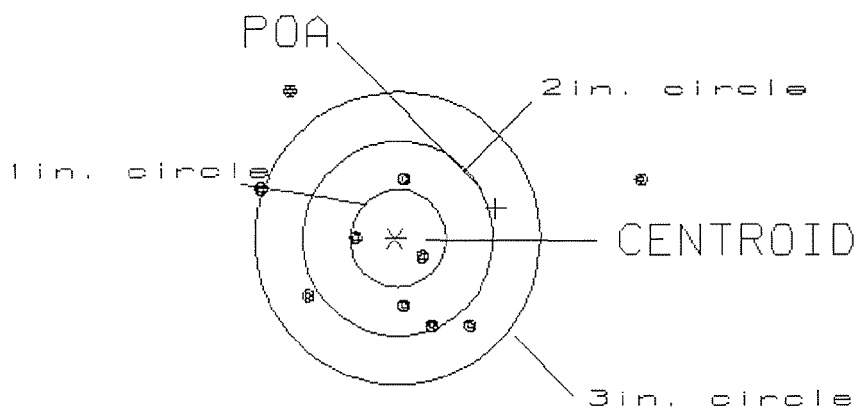
MAX RADIUS : 2.679

CENTROID X : -1.057

CENTROID Y : -.310

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 4.08

2

VS= 2.49

5

GS= 4.08

7

BARBER - M24 0041888

REMINGTON CENTERFIRE ACCURACY TEST

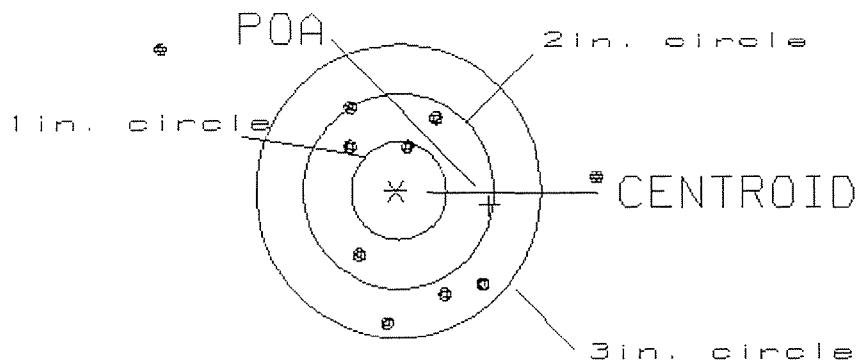
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: .994
MIN RADIUS : .476
MEAN RADIUS : 1.271
MAX RADIUS : 2.941
CENTROID X : -.983
CENTROID Y : .148

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.67

1

VS= 2.85

5

GS= 4.86

8

BARBER - M24 0041889

REMINGTON CENTERFIRE ACCURACY TEST

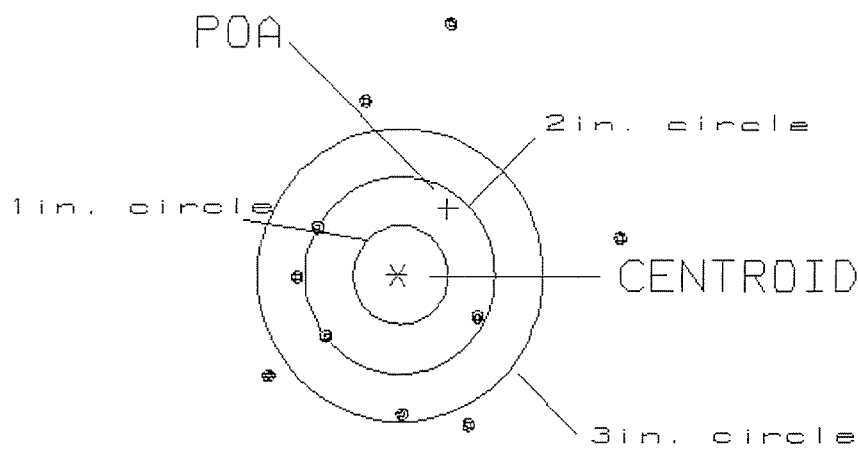
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .853
 MIN RADIUS : .928
 MEAN RADIUS : 1.558
 MAX RADIUS : 2.608
 CENTROID X : -.518
 CENTROID Y : -.678

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.65
 VS= 4.12
 GS= 4.12

0
 1
 5

BARBER - M24 0041890

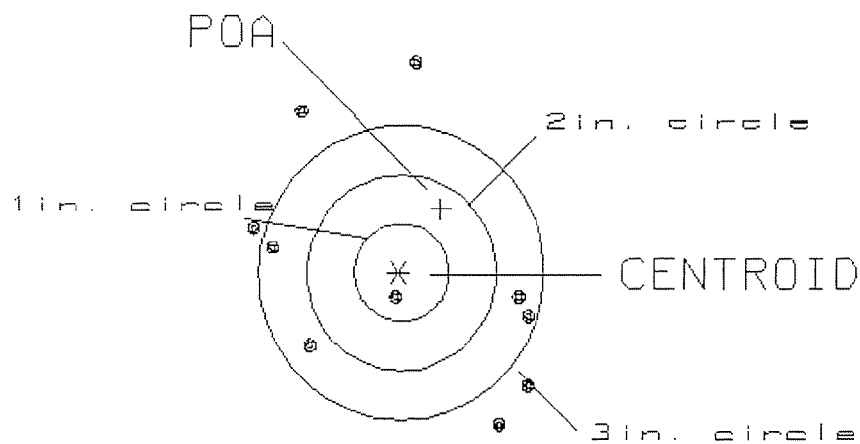
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
POA TO CENTROID: .787
MIN RADIUS : .281
MEAN RADIUS : 1.488
MAX RADIUS : 2.132
CENTROID X : -.440
CENTROID Y : -.653

11 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348929

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.99

1

VS= 3.68

1

GS= 3.82

5