

C6225413

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead®

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: RE00142898

Serial: C6225413 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 3/12/2008 12:52:59 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TMO 436 APS/TRT

TMO 436 APS/TRT

Address 1: 550 ATLANTIC STREET

550 ATLANTIC STREET

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE Zip Code: 19902

Country: US

State: DE Zip Code: 19902

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
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

3/13/2008

8:52 AM

CAPS

NUM



Serial Number: C6225413

Model: M24 SWS



RE00142898

Rese/

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149R & E NUMBER 00142898SERIAL NUMBER C6225413LOG-IN DATE 3-12-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-28-08	RTZ
505	RE-BARREL	3-28-08	RTZ
560	ASSEMBLE	3-28-08	TRW
600	PROOF	3-28-08	TRW
605	CHECK HEADSPACE	3-28-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	3/31/08	mmms
510	DRILL AND TAP	3-28-08	Fm
615	ROLLMARK CALIBER	3-31-08	CW
618	ROTO-BLAST	3/31/08	TRW
620	APPLY COATINGS	4/3/08	HP
625	FINAL ASSEMBLY	4-4-08	L.P.D.
640	FUNCTION TEST AND	4-10-08	TRW
650	TARGET	4-7-08	TRW
	MALFUNCTION <i>OH over live rds</i>	CORRECTION OK	4-10-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	4-7-08 RP
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	4-11-08 L.P.D.
	B) TRIGGER PULL	3.64 3.68 3.69 2.43 2.31	4-17-08 TRW
680	F) SAFETY ON FORCE	2lb. 2lb. 2lb.	4-11-08 L.P.D.
	G) SAFETY OFF FORCE	2lb. 2lb. 2lb.	4-11-08 L.P.D.
	I) FIRING PIN INDENT	.023 .023 .023	4-11-08 L.P.D.
690	PACK		10/17/08 Fm

[illegible]

NMP COPY 2

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225413.__1

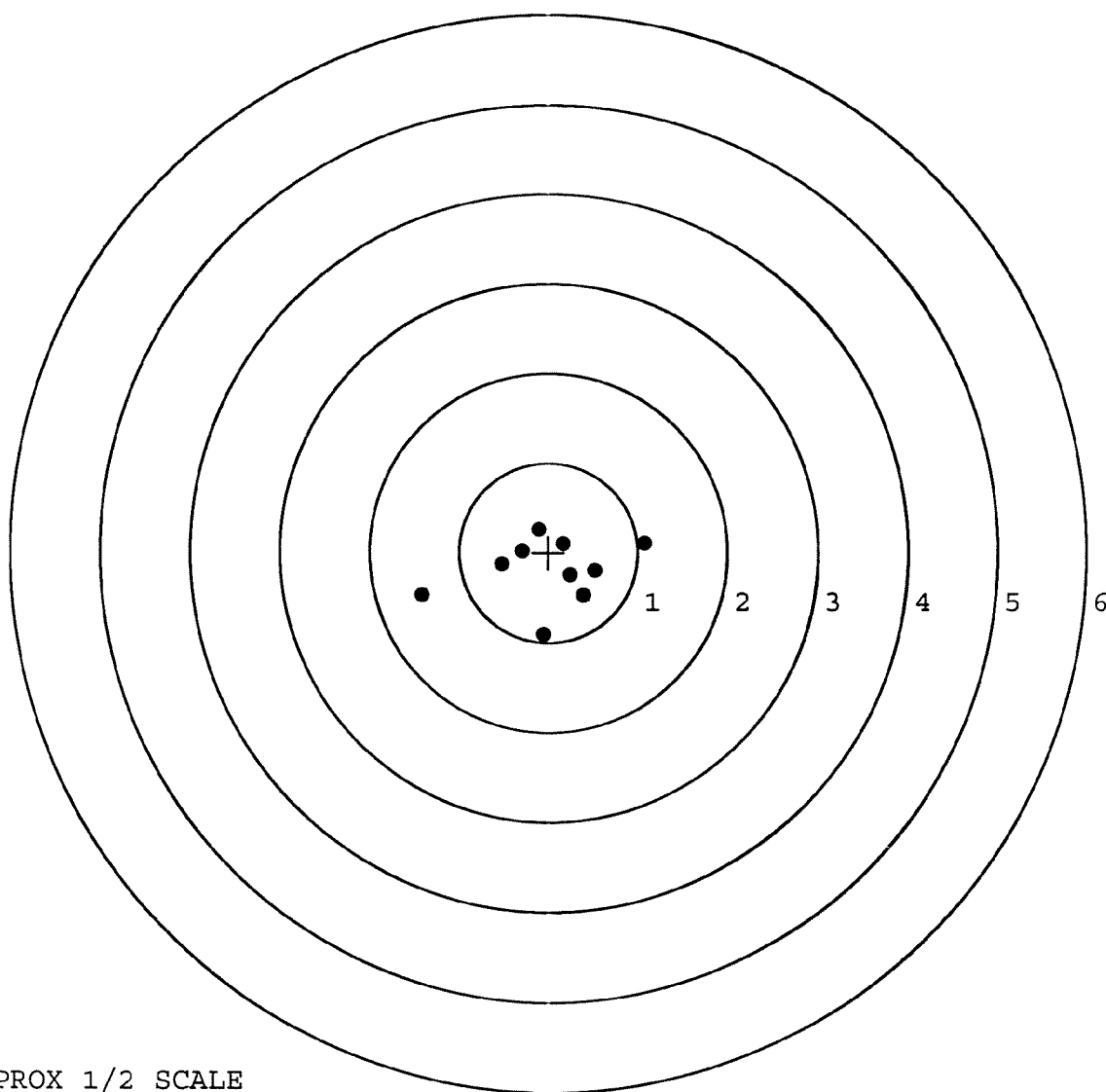
FILE DATE AND TIME: 04/07/2008 12:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.201
The Distance from Centroid Target #2 to Centroid Target #1:	0.339
The Distance from Centroid Target #3 to Centroid Target #1:	0.207
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.135

BARBER - M24 0060348

SERIAL NUMBER: C6225413. _1	POINT#	X	Y
TARGET NUMBER: 1	1:	1.075	0.106
FILE DATE: 04/07/2008	2:	0.523	-0.209
FILE TIME: 12:32	3:	0.252	-0.254
	4:	0.399	-0.486
X CENTROID: 0.000	5:	-0.058	-0.915
Y CENTROID: -0.201	6:	0.167	0.099
POA TO CENTROID: 0.201	7:	-0.113	0.259
HORZ SPREAD: 2.492	8:	-0.298	0.018
VERT SPREAD: 1.174	9:	-0.526	-0.139
GROUP SPREAD: 2.561	10:	-1.417	-0.485
MIN RADIUS: 0.257			
MAX RADIUS: 1.446			
MEAN RADIUS: 0.627			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0060349

SERIAL NUMBER: C6225413. __1

TARGET NUMBER: 2

FILE DATE: 04/07/2008

FILE TIME: 12:32

POINT#	X	Y
1:	-0.051	0.824
2:	-0.774	0.957
3:	-1.099	-0.203
4:	-0.870	-0.403
5:	-0.427	0.089
6:	-0.168	0.121
7:	0.002	0.013
8:	0.271	-0.277
9:	0.536	-0.624
10:	0.162	-0.137

X CENTROID: -0.242

Y CENTROID: 0.036

POA TO CENTROID: 0.244

HORZ SPREAD: 1.635

VERT SPREAD: 1.581

GROUP SPREAD: 2.053

MIN RADIUS: 0.113

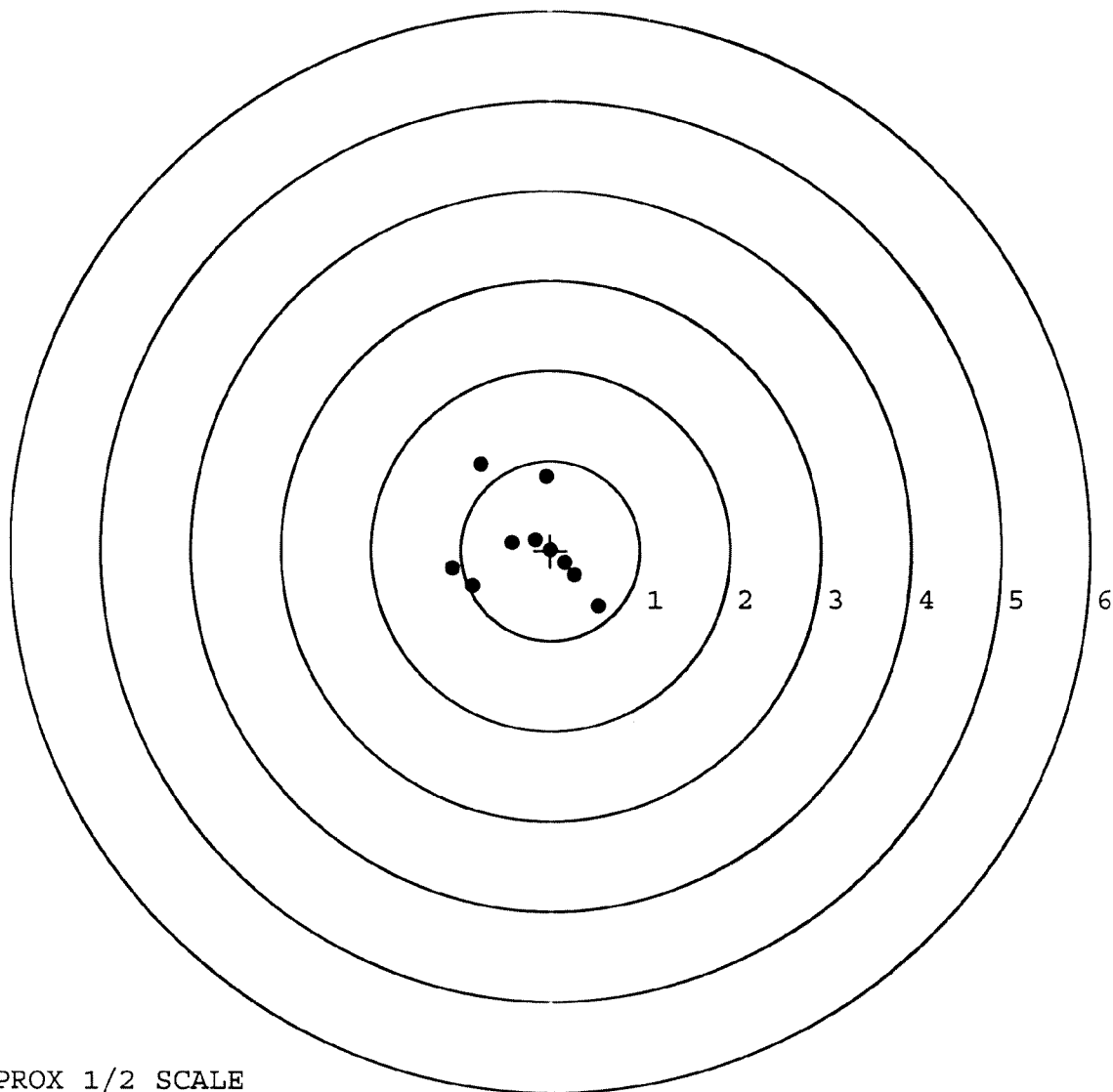
MAX RADIUS: 1.064

MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



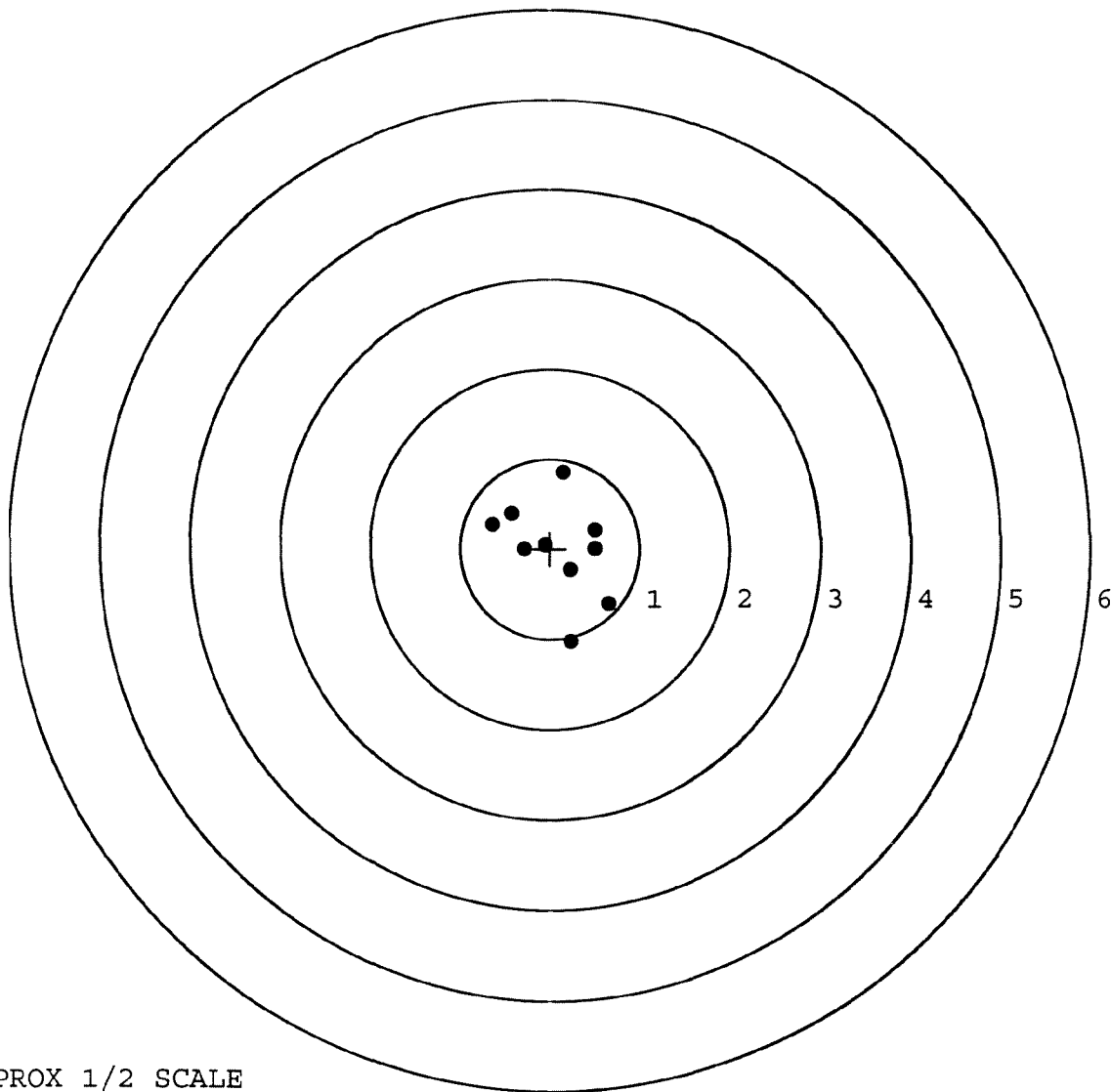
TARGET APPROX 1/2 SCALE

BARBER - M24 0060350

SERIAL NUMBER: C6225413. __1
 TARGET NUMBER: 3
 FILE DATE: 04/07/2008
 FILE TIME: 12:32

POINT#	X	Y
1:	0.239	-1.027
2:	0.659	-0.613
3:	0.511	0.209
4:	0.503	-0.001
5:	0.228	-0.235
6:	0.158	0.847
7:	-0.058	0.042
8:	-0.635	0.265
9:	-0.422	0.388
10:	-0.293	-0.010

X CENTROID: 0.089
 Y CENTROID: -0.014
 POA TO CENTROID: 0.090
 HORZ SPREAD: 1.294
 VERT SPREAD: 1.874
 GROUP SPREAD: 1.876
 MIN RADIUS: 0.157
 MAX RADIUS: 1.025
 MEAN RADIUS: 0.583
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



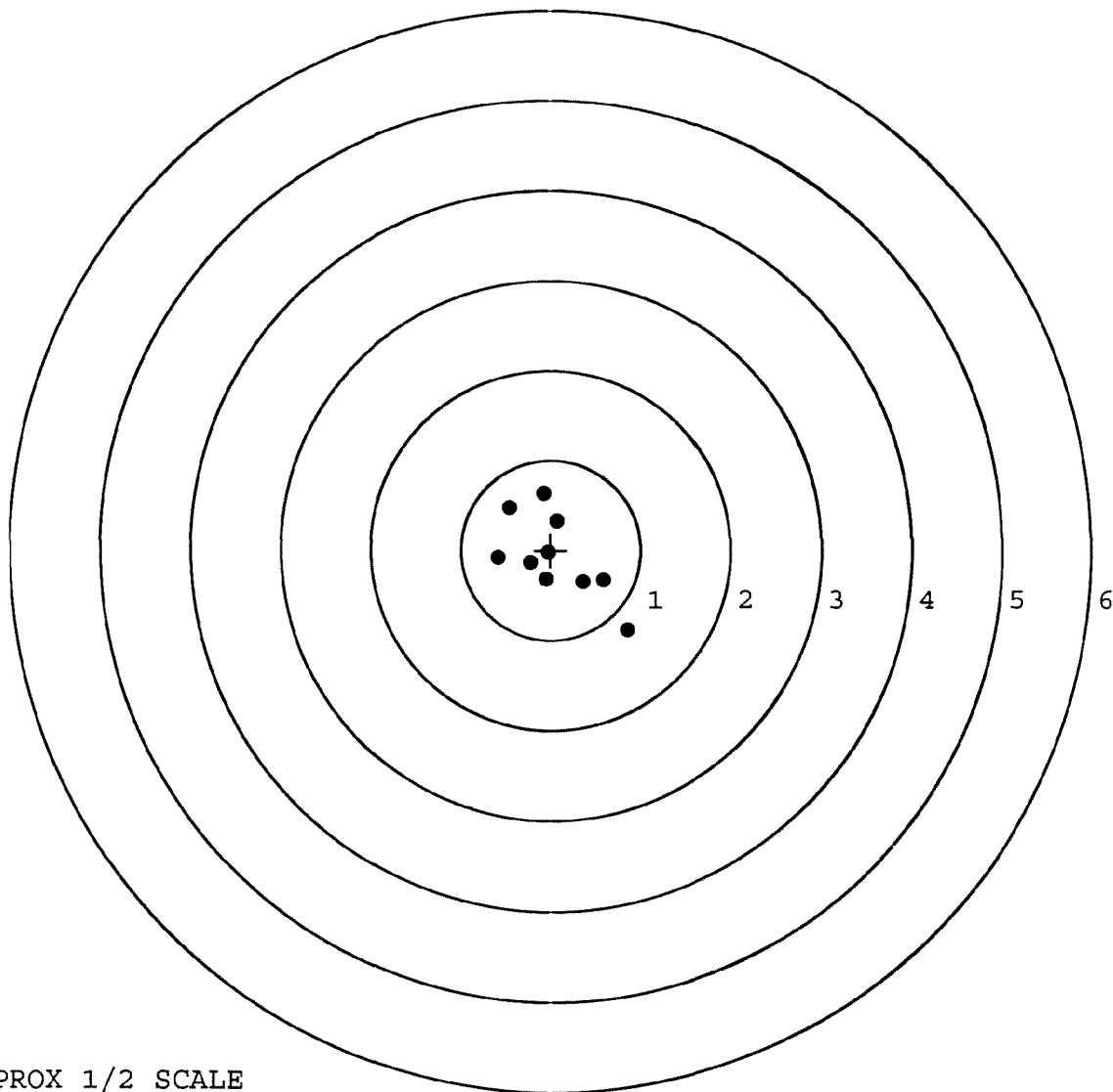
TARGET APPROX 1/2 SCALE

BARBER - M24 0060351

SERIAL NUMBER: C6225413. __1
 TARGET NUMBER: 4
 FILE DATE: 04/07/2008
 FILE TIME: 12:32

POINT#	X	Y
1:	0.857	-0.892
2:	0.591	-0.335
3:	0.363	-0.357
4:	-0.057	-0.330
5:	-0.233	-0.140
6:	-0.031	-0.030
7:	-0.587	-0.088
8:	0.077	0.324
9:	-0.075	0.627
10:	-0.459	0.469

X CENTROID: 0.045
 Y CENTROID: -0.075
 POA TO CENTROID: 0.087
 HORZ SPREAD: 1.444
 VERT SPREAD: 1.519
 GROUP SPREAD: 1.893
 MIN RADIUS: 0.088
 MAX RADIUS: 1.152
 MEAN RADIUS: 0.532
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060352

SERIAL NUMBER: C6225413. __1

TARGET NUMBER: 5

FILE DATE: 04/07/2008

FILE TIME: 12:32

POINT#	X	Y
1:	0.371	-0.972
2:	0.128	-0.681
3:	0.834	-0.230
4:	0.283	-0.029
5:	0.009	-0.107
6:	-0.190	0.162
7:	-0.437	0.005
8:	-0.587	-0.713
9:	0.024	0.545
10:	0.558	0.936

X CENTROID: 0.099

Y CENTROID: -0.108

POA TO CENTROID: 0.147

HORZ SPREAD: 1.421

VERT SPREAD: 1.908

GROUP SPREAD: 2.008

MIN RADIUS: 0.090

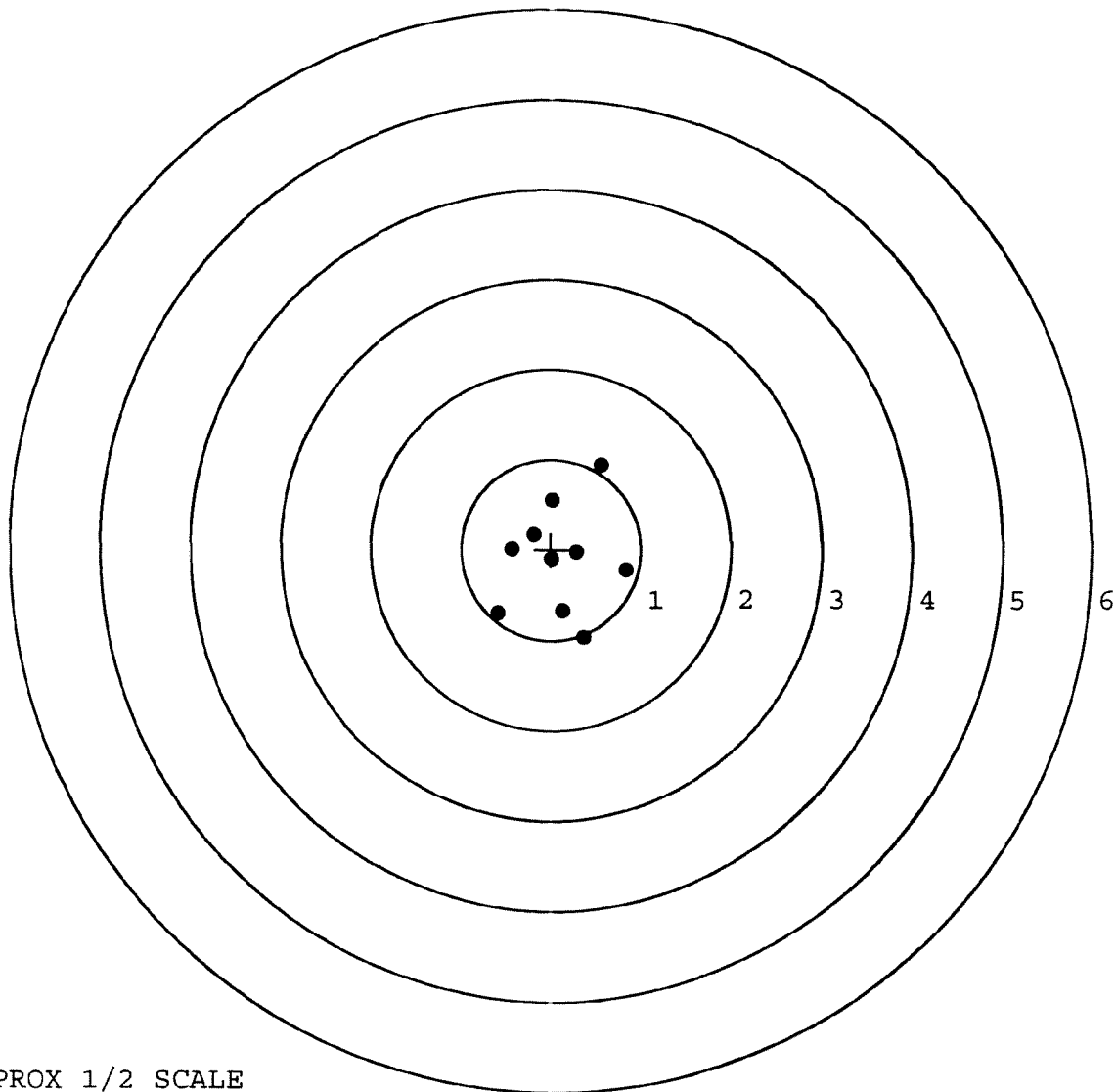
MAX RADIUS: 1.141

MEAN RADIUS: 0.617

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00126840

Serial: C6225413 Model M24 SWS Center Fire
Produced: 06/21/1989

Repairman:

Verify Repair

Status:

New 3/16/2007 3:09:23 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMS ROOM

ISSD ARMS ROOM

Address 1: 8TH AND DESERT STORM

8TH AND DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY Zip Code: 42223

Country:

State: KY Zip Code: 42223

Country:

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

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/19/2007

8:50 AM

CAPS

NUM

INS

SCRL



2 Micros...

Part Search...

2 Micros...

5 Interne...

Arms Servi...

8:50 AM

Serial Number: C6225413

Model: M24 SWS



RE00126840

For use of this form, see DA PAM 738-750 and 738-751: the proponent agency is DCSLOG

USAPPC V1.10

MAINTENANCE REQUEST				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.							
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WACQT.O	1b. CUSTOMER UNIT NAME HHC 21502	1c. PHONE NO		3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME F. CO. 526	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN 100501-240-21136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24				15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS	
9. NOUN RIFLE 7.62MM SNIPPER						M K H R	
10a. ORG WON/DOC NO		10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
11. SERIAL NUMBER CG225413		12. QTY 001	13. PD	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		20. ADMIN NO	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				22. LEVEL OF WORK		23. SIGNATURE	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) EXCEEDED ROUND COUNT							
25. REMARKS							
PREPARATION INSTRUCTIONS FOR THIS PAGE							
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.				SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.			
34a. SUBMITTED BY [Signature]				35a. ACCEPTED BY [Signature]		35c. DATE [Date]	
34b. DATE 07067		35b. STATUS [Status]		35d. TIME [Time]		Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.	

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225413.___0

FILE DATE AND TIME: 04/12/2007 23:53

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.122
The Average Y Centroid of the Five Target Set:	0.034
The Average Point of Impact of the Five Target Set:	0.126
The Average Mean Radius of the Five Target Set:	0.721
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.141
The Distance from Centroid Target #3 to Centroid Target #1:	0.129
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.272

BARBER - M24 0060357

SERIAL NUMBER: C6225413. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 23:53

POINT#	X	Y
1:	-0.304	0.318
2:	0.185	0.848
3:	0.787	0.556
4:	0.410	-0.153
5:	0.352	0.153
6:	0.059	0.165
7:	0.221	-0.106
8:	-0.165	0.088
9:	-0.118	-0.182
10:	-0.214	-0.427

X CENTROID: 0.121

Y CENTROID: 0.126

POA TO CENTROID: 0.175

HORZ SPREAD: 1.091

VERT SPREAD: 1.275

GROUP SPREAD: 1.403

MIN RADIUS: 0.074

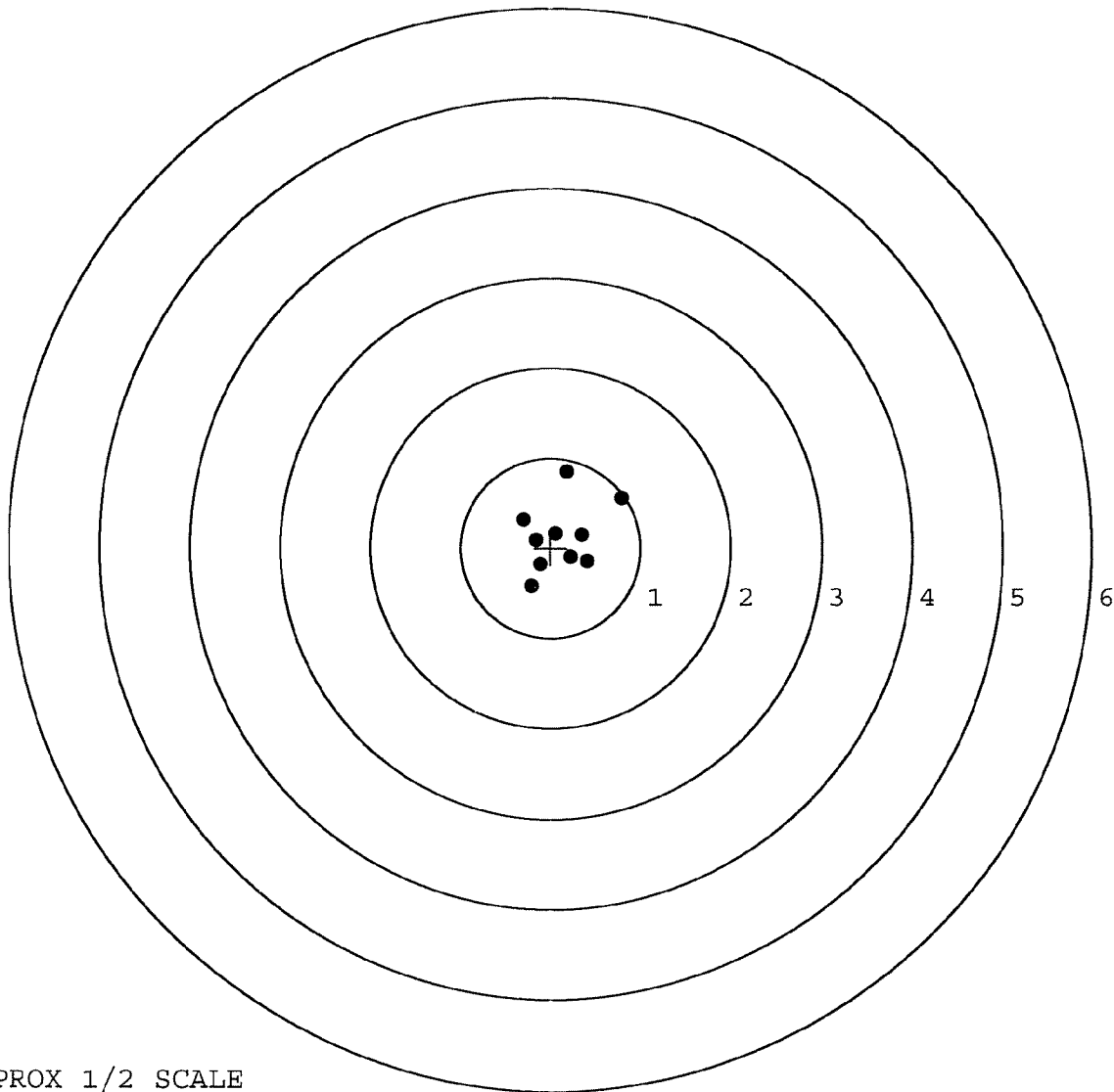
MAX RADIUS: 0.793

MEAN RADIUS: 0.427

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



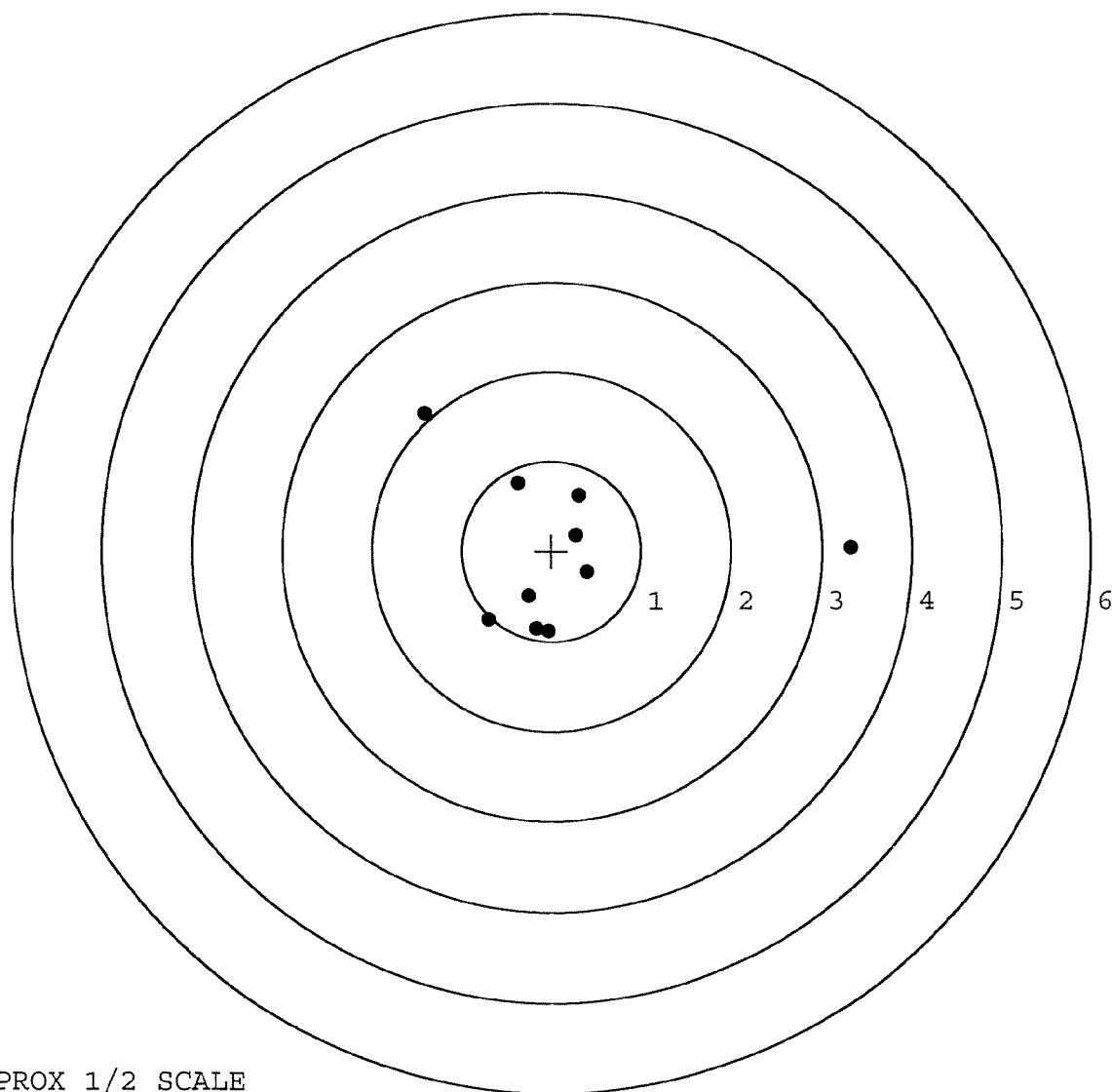
TARGET APPROX 1/2 SCALE

BARBER - M24 0060358

SERIAL NUMBER: C6225413. __0
 TARGET NUMBER: 2
 FILE DATE: 04/12/2007
 FILE TIME: 23:53

POINT#	X	Y
1:	-1.414	1.532
2:	-0.375	0.749
3:	0.309	0.617
4:	0.274	0.177
5:	0.396	-0.236
6:	-0.254	-0.500
7:	-0.035	-0.893
8:	-0.168	-0.862
9:	-0.706	-0.765
10:	3.316	0.039

X CENTROID: 0.134
 Y CENTROID: -0.014
 POA TO CENTROID: 0.135
 HORZ SPREAD: 4.730
 VERT SPREAD: 2.425
 GROUP SPREAD: 4.960
 MIN RADIUS: 0.237
 MAX RADIUS: 3.182
 MEAN RADIUS: 1.107
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



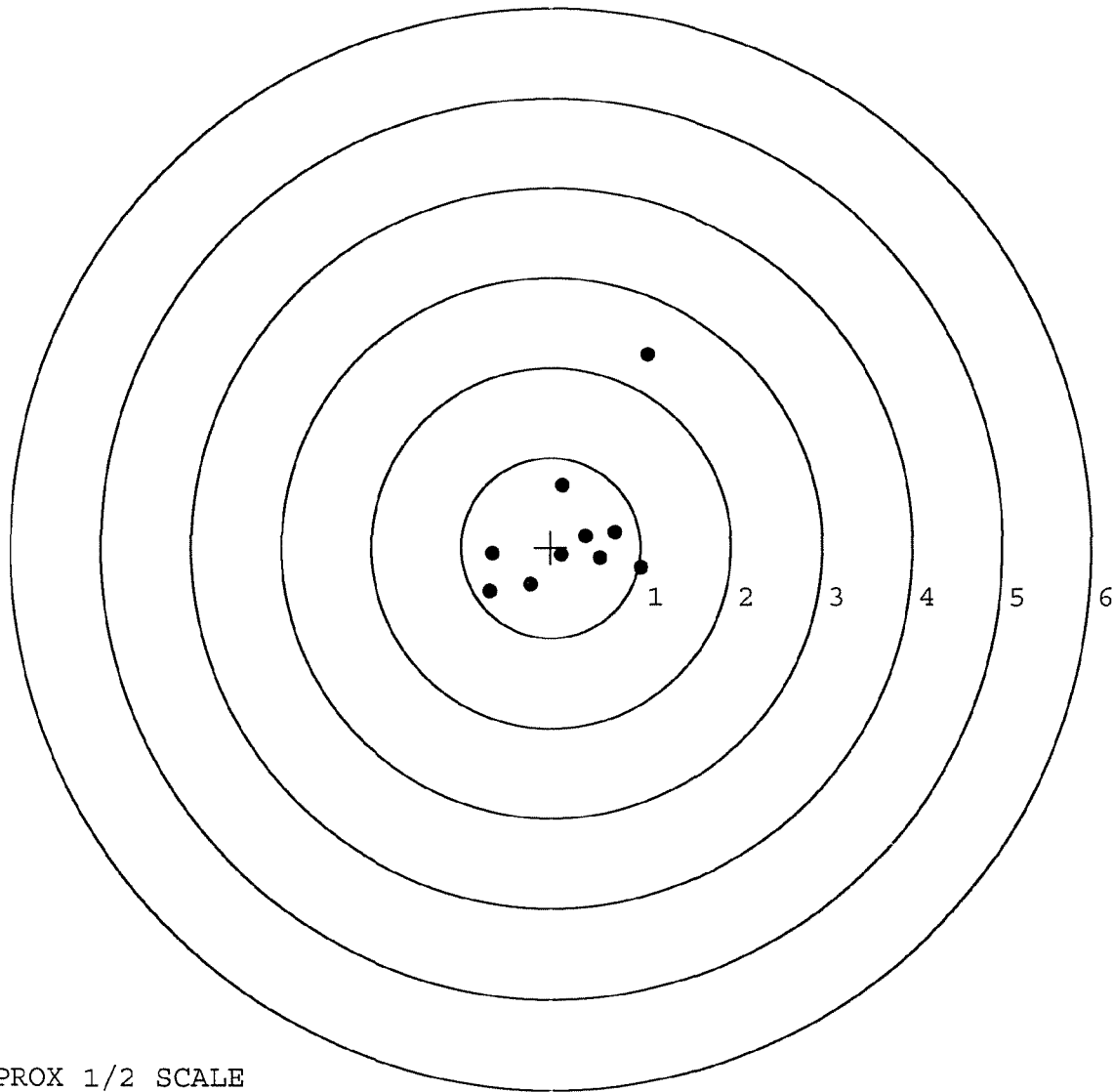
TARGET APPROX 1/2 SCALE

BARBER - M24 0060359

SERIAL NUMBER: C6225413. __0
 TARGET NUMBER: 3
 FILE DATE: 04/12/2007
 FILE TIME: 23:53

POINT#	X	Y
1:	0.128	0.693
2:	1.080	2.141
3:	0.712	0.167
4:	0.551	-0.122
5:	0.392	0.126
6:	0.121	-0.087
7:	1.006	-0.239
8:	-0.229	-0.418
9:	-0.650	-0.079
10:	-0.683	-0.496

X CENTROID: 0.243
 Y CENTROID: 0.169
 POA TO CENTROID: 0.296
 HORZ SPREAD: 1.763
 VERT SPREAD: 2.637
 GROUP SPREAD: 3.172
 MIN RADIUS: 0.155
 MAX RADIUS: 2.143
 MEAN RADIUS: 0.769
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0060360

SERIAL NUMBER: C6225413. 0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 23:53

POINT#	X	Y
1:	0.103	0.392
2:	0.524	0.094
3:	0.342	-0.111
4:	-0.070	-0.211
5:	-0.278	-0.240
6:	-0.323	0.130
7:	-0.554	0.010
8:	-0.820	-0.567
9:	-0.092	1.044
10:	1.347	-0.186

X CENTROID: 0.018

Y CENTROID: 0.035

POA TO CENTROID: 0.040

HORZ SPREAD: 2.167

VERT SPREAD: 1.611

GROUP SPREAD: 2.200

MIN RADIUS: 0.262

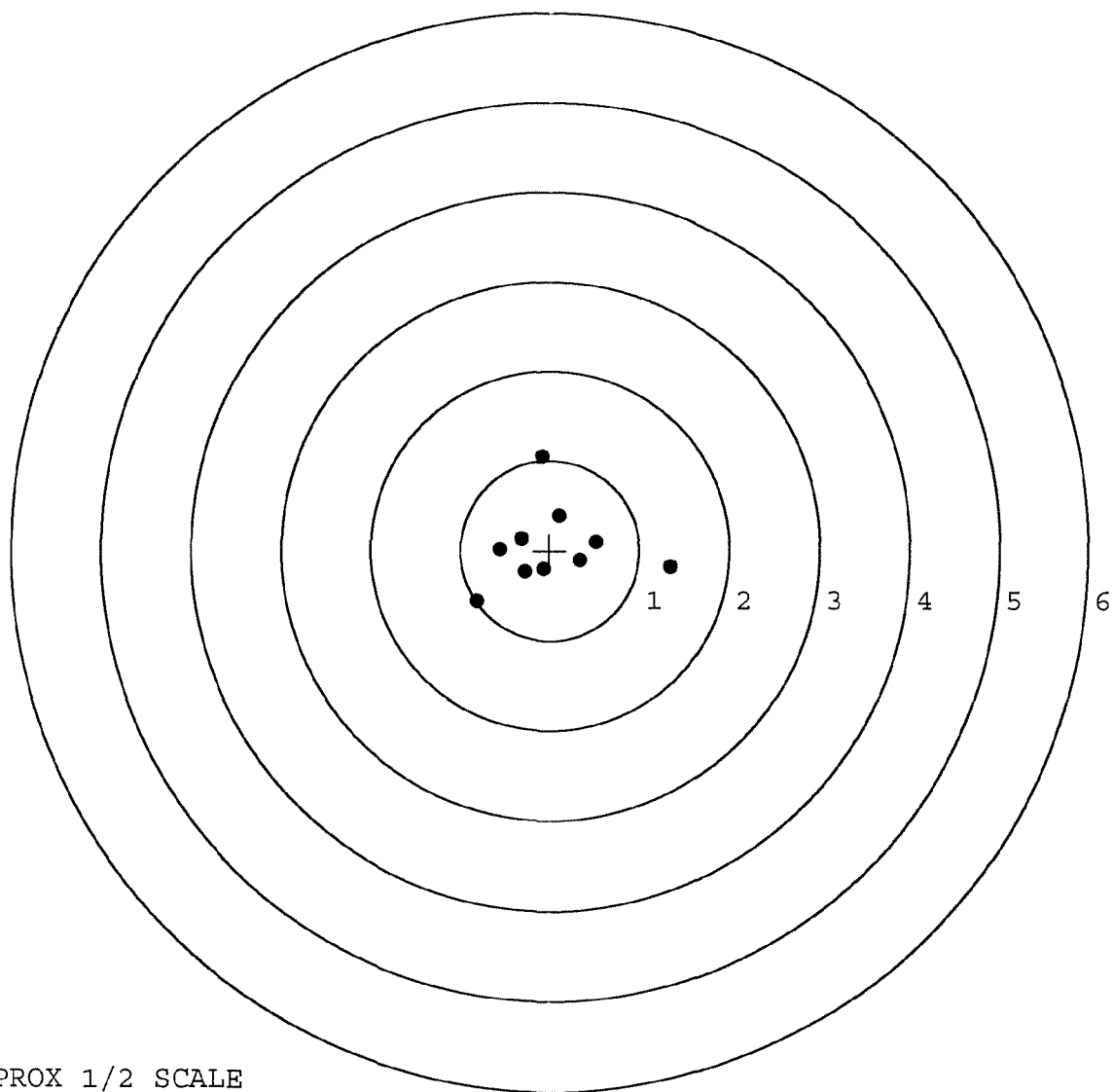
MAX RADIUS: 1.347

MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060361

SERIAL NUMBER: C6225413. __0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:53

POINT#	X	Y
1:	-0.915	0.359
2:	-0.530	0.185
3:	-0.306	0.044
4:	-0.071	0.053
5:	-0.240	-0.102
6:	-0.167	-0.300
7:	-0.153	-0.603
8:	0.962	-0.155
9:	1.069	-0.467
10:	1.275	-0.462

X CENTROID: 0.092

Y CENTROID: -0.145

POA TO CENTROID: 0.172

HORZ SPREAD: 2.190

VERT SPREAD: 0.962

GROUP SPREAD: 2.339

MIN RADIUS: 0.257

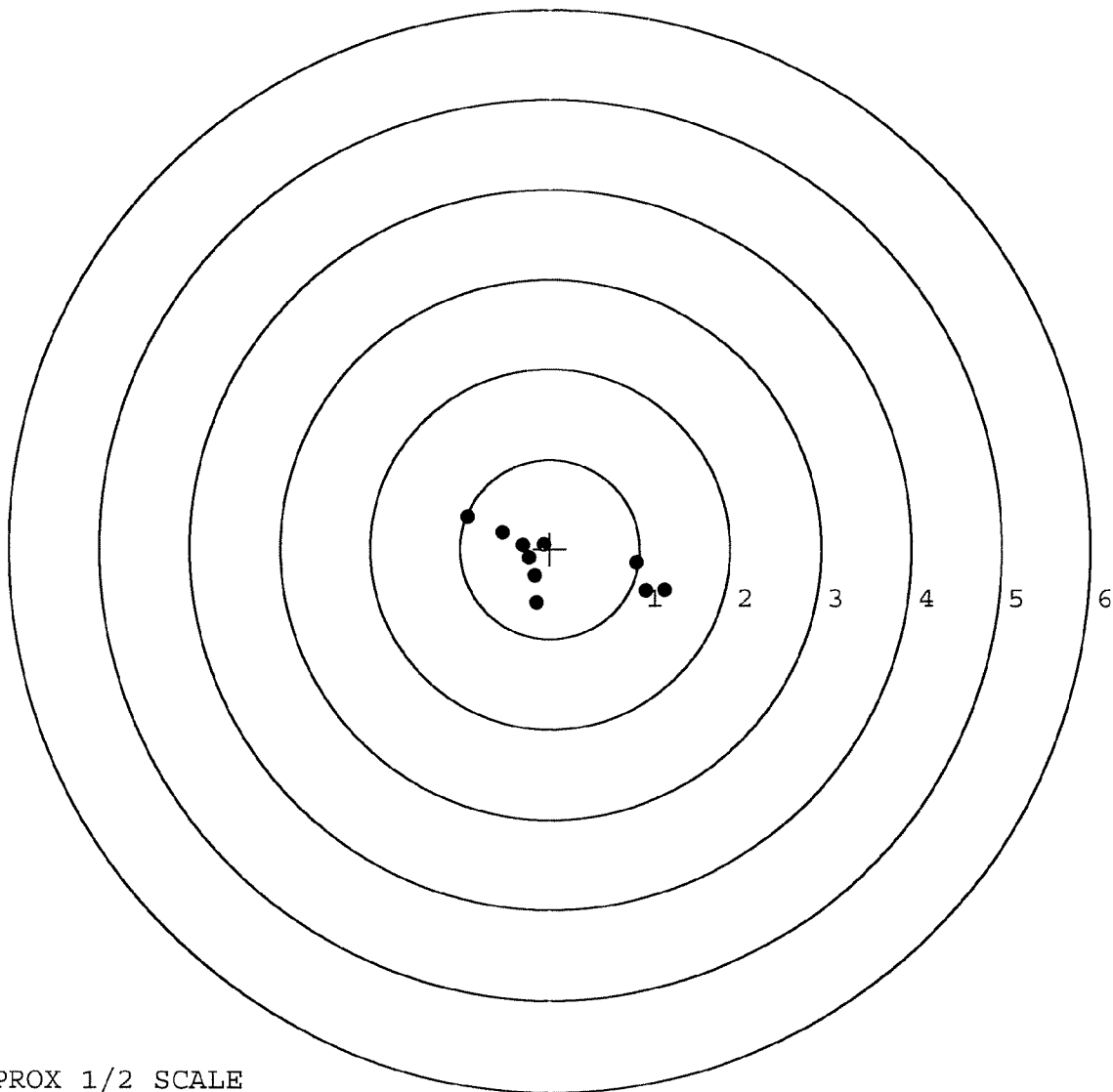
MAX RADIUS: 1.224

MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	126848			
SERIAL NUMBER	C6225413			
LOG-IN DATE	3-16-07			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	3-28-07	RTZ	
505	RE-BARREL	4-3-07	RTZ	
560	ASSEMBLE	4-3-07	RTZ	
600	PROOF	4-3-07	TRW	
605	CHECK HEADSPACE	4-3-07	TRW	
610	DIS-ASSEMBLE GUN	4-4-07	RTZ	
612	MAGNAFLUX	4-5-07	GPD	
510	DRILL AND TAP	4-4-07	TRW	
615	ROLLMARK CALIBER	4-5-07	CIN	
618	ROTO-BLAST	4-5-07	LB	
620	APPLY COATINGS	4/9/07	RIS	
625	FINAL ASSEMBLY	4-12-07	RTZ	
640	FUNCTION TEST AND	4/12/07	non	
650	TARGET	4/12/07	non	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	4/19/07	non	
	A) HEADSPACE	4/19/07	non	
	B) TRIGGER PULL	250 234 231 237 242	4/19/07 non	
680	F) SAFETY ON FORCE	7.0 7.0 7.0	4/19/07 non	
	G) SAFETY OFF FORCE	4.0 4.0 4.0	4/19/07 non	
	I) FIRING PIN INDENT	.022 .022 .021	4/19/07 non	
690	PACK		4/19/07 non	

BARBER - M24 0060363AVERAGE 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 3-28-06TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.18	2.54		2.46	
PULL #2	2.29	2.51		2.58	
PULL #3	2.32	2.48		2.53	
PULL #4	2.33	2.49		2.45	
PULL #5	2.45	2.45		2.57	
TOTAL	11.57	12.47		12.59	
AVERAGE	2.31	2.49		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.25		
PULL #2	3.16	3.36		
PULL #3	3.38	3.37		
PULL #4	3.30	3.29		
PULL #5	3.26	3.25		
TOTAL	16.21	16.52		
AVERAGE	3.24	3.30		

	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	4.23	4.09		4.13
PULL #2	4.22	4.06		4.40
PULL #3	4.39	4.15		4.18
PULL #4	4.44	4.14		4.20
PULL #5	4.55	4.19		4.24
TOTAL	21.83	20.63		21.15
AVERAGE	4.36	4.12		4.23

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	shove Brass 5/31/89	
TEST		
TGT		
PROOF	Ream Ejector Hole Polish EJECTOR 6/11/89	
TEST		
TGT		
PROOF	ENGINEER 100 Rounds shot OK DH 6/2/89	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 006098960404

Remington REG. U.S. PAT. & TM. OFF.		DUPONT REG. U.S. PAT. & TM. OFF.		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24				SERIAL NO. C6225413	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.				ORDER NO. 5716	
 5716 C6225413				01	



BARBER - M24 0060365

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225413

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	BA
617	Drill and Tap Sight Holes	4 27	89	FB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/15/89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/22/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/22/89	RW
	C) Inspect Ejector Hole for Chamfer		5/22/89	RW
	D) Oil Firing Pin Ass'y		5/22/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/30/89	WB

op. #	BARBER - M24 0060367 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/30/89	QU
	G) Safety Off Force	3	3	3			5/30/89	QU
	H) Trigger Pull Test & Retainability						5/30/89	WOB
	I) Firing Pin Indent	.021	.021	.0205			5/30/89	QU
	J) Assemble Stock						5/31/89	RW
	K) Assemble Swivel Studs						1 June 89	QS
	L) Attach Front and Rear Sight Assemblies						5/31/89	RW
	M) Iron Sight Alignment						5/31/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/31/89	RW
	O) Attach Scope to Rifle						5/31/89	QU
	P) Detach & Attach Scope 20 Times						5/31/89	QU
640	Gallery Target & Test	80 R	746				5/31/89	DH
	A) Time						5/31/89	DH
	B) Malfunctions						5/31/89	DH
	C) Pierced Primers						5/31/89	DH
	D) Optical Clarity of Scope						5/31/89	DH
645	Inspect for Live Ammo						5/31/89	DH
655	Final Inspection							
	A) Headspace						1 June 89	QS
	B) Trigger Pull	2.52	2.49	2.43	2.45	2.40	1 June 89	QS
	C) Function						1 June 89	QS
660	Pack						26 June 89	QS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225413

DATE 4/3/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.96	2.43	2.35	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.34	2.45	
PULL #3	2.48	2.36	2.50	
PULL #4	2.42	2.40	2.39	
PULL #5	2.45	2.36	2.41	
TOTAL	12.34	11.89	12.10	
AVG.	2.46	2.37	2.42	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.37	3.25	
PULL #2	3.12	3.37	
PULL #3	3.41	3.20	
PULL #4	3.41	3.38	
PULL #5	3.41	3.41	
TOTAL	16.72	16.61	
AVG.	3.34	3.32	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.42		
PULL #2	4.40	4.28		
PULL #3	4.40	4.43		
PULL #4	4.35	4.39		
PULL #5	4.35	4.43		
TOTAL	21.86	21.95		
AVG.	4.37	4.39		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225413
1 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.421087
1 TO	2	.0799312
1 TO	3	.241033
1 TO	4	.631513
1 TO	5	.324982

4.33333 <----POA

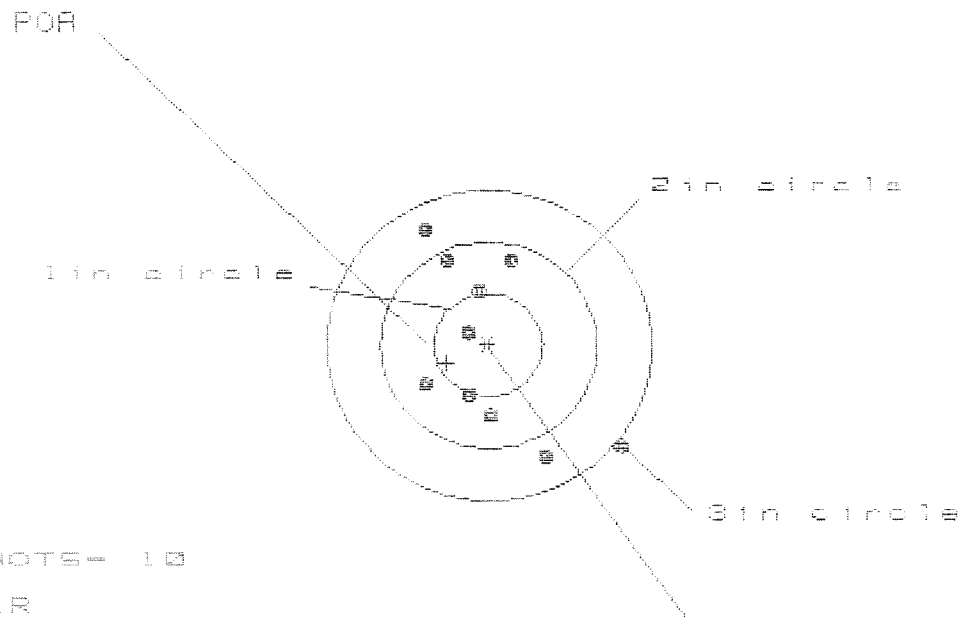
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .208
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .136
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .248516
THE AMR FOR THIS RIFLE IS: .9454

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225413

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 1.816

VS= 2.187

GS= 2.763

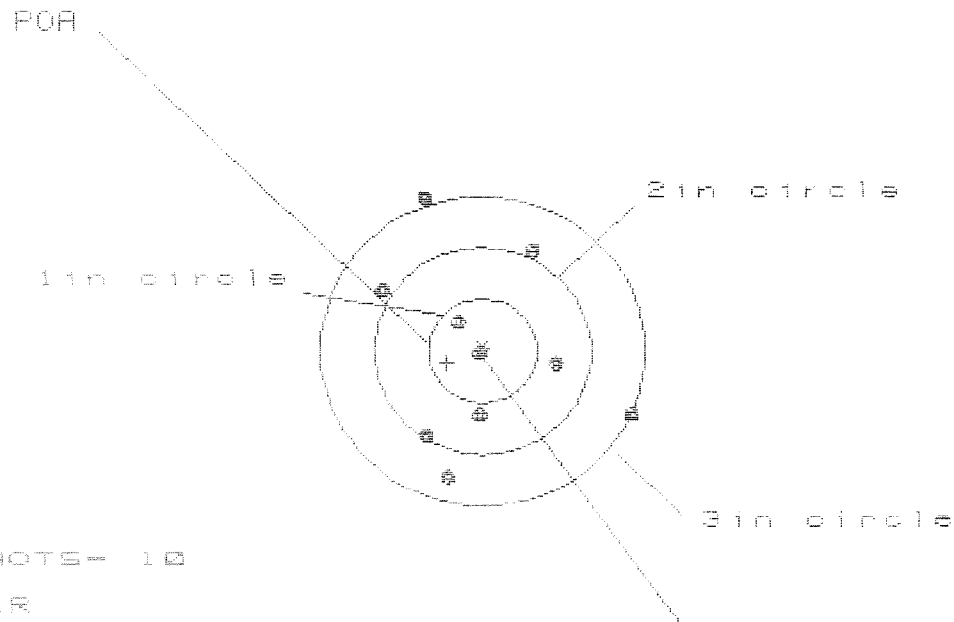
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.198	.694	.633
MINIMUM X	-.618	-.485	-.496
MAXIMUM Y	1.150	1.046	.888
MINIMUM Y	-1.037	-1.141	-1.010
CENTROID X	.383	.250	.311
CENTROID Y	.175	.279	.148
POA TO CENTROID in.	.421	.375	.344
MIN RADIUS	.254	.086	.227
MEAN RADIUS	.836	.724	.680
MAX RADIUS	1.518	1.335	1.192
HORIZONTAL SPREAD	1.816	1.179	1.129
VERTICAL SPREAD	2.187	2.187	1.898
EXTREME SPREAD	2.763	2.485	2.043
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225413

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 2.240

VS = 2.787

GS = 2.789

CENTROID *

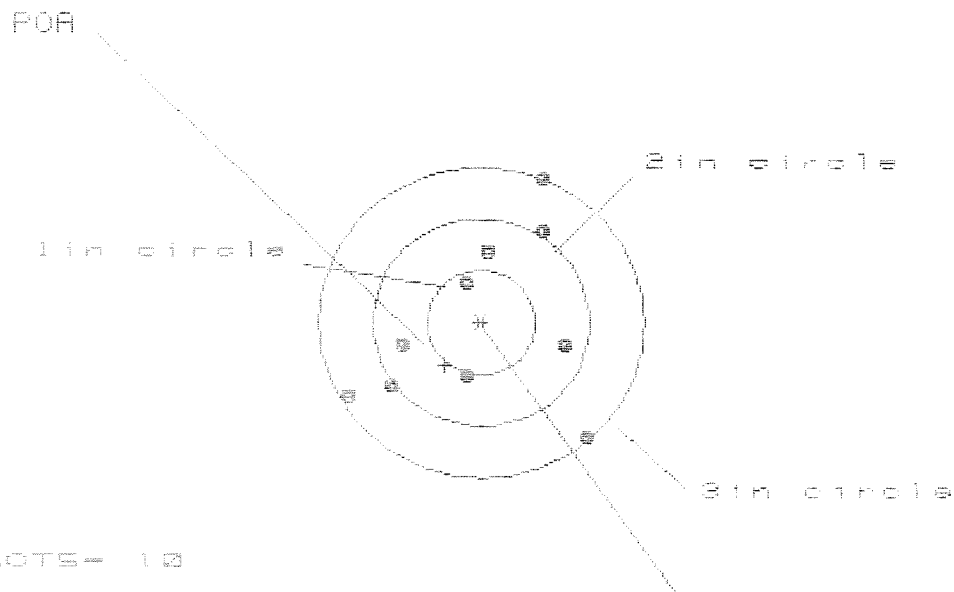
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.327	1.273	.779
MINIMUM X	-.913	-.967	-.808
MAXIMUM Y	1.532	1.106	1.054
MINIMUM Y	-1.255	-1.085	-1.137
CENTROID X	.328	.382	.223
CENTROID Y	.117	-.053	-.001
POA TO CENTROID in.	.346	.386	.223
MIN RADIUS	.029	.150	.147
MEAN RADIUS	.917	.838	.766
MAX RADIUS	1.607	1.338	1.213
HORIZONTAL SPREAD	2.240	2.240	1.587
VERTICAL SPREAD	2.787	2.191	2.191
EXTREME SPREAD	2.789	2.537	2.356
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225413

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.248

VS= 2.532

GS= 2.839

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.995	1.062	.951
MINIMUM X	-1.253	-1.186	-1.053
MAXIMUM Y	1.404	1.043	.921
MINIMUM Y	-1.128	-.972	-.712
CENTROID X	.334	.267	.134
CENTROID Y	.411	.255	.377
POA TO CENTROID in.	.530	.369	.400
MIN RADIUS	.445	.369	.441
MEAN RADIUS	.978	.905	.819
MAX RADIUS	1.527	1.440	1.271
HORIZONTAL SPREAD	2.248	2.248	2.004
VERTICAL SPREAD	2.532	2.015	1.633
EXTREME SPREAD	2.839	2.480	2.480
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225413

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.0886

VS= 2.644

CS= 2.905

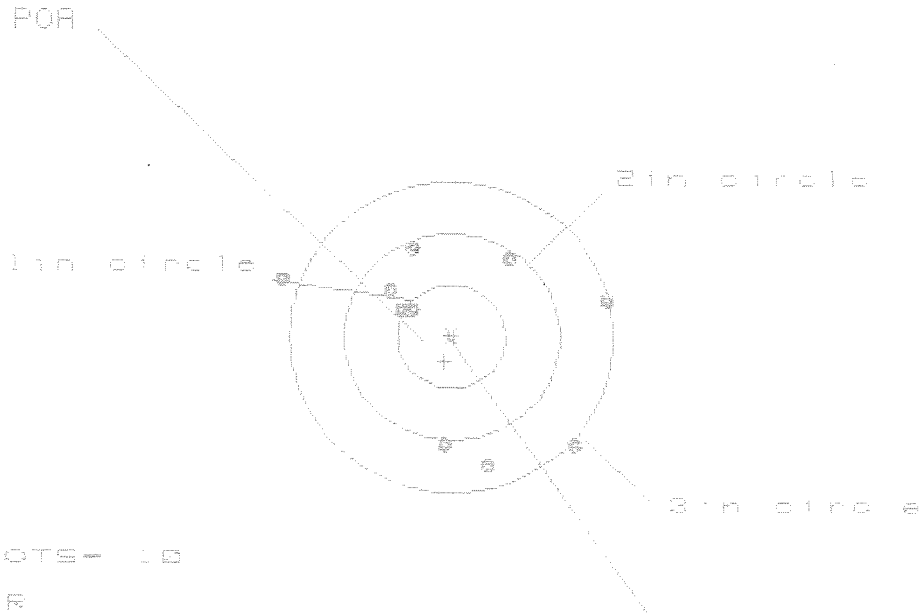
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.575	.518	.464
MINIMUM X	-.511	-.432	-.387
MAXIMUM Y	1.557	1.531	1.335
MINIMUM Y	-1.286	-1.113	-.922
CENTROID X	-.070	-.013	.041
CENTROID Y	-.265	-.438	-.629
POA TO CENTROID in.	.274	.438	.638
MIN RADIUS	.154	.331	.321
MEAN RADIUS	.949	.860	.740
MAX RADIUS	1.639	1.590	1.370
HORIZONTAL SPREAD	1.086	.950	.771
VERTICAL SPREAD	2.644	2.644	2.257
EXTREME SPREAD	2.905	2.669	2.258
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225413

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

1G= 3.000

V8= 2.107

G8= 3.085

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.395	1.216	1.330
MINIMUM X	-1.605	-.729	-.615
MAXIMUM Y	.848	.904	.787
MINIMUM Y	-1.259	-1.203	-1.320
CENTROID X	.065	.244	.130
CENTROID Y	.242	.186	.303
POA TO CENTROID in.	.251	.306	.329
MIN RADIUS	.429	.609	.458
MEAN RADIUS	1.047	.996	.914
MAX RADIUS	1.684	1.306	1.356
HORIZONTAL SPREAD	3.000	1.945	1.945
VERTICAL SPREAD	2.107	2.107	2.107
EXTREME SPREAD	3.085	2.347	2.222
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVED BARBER M24 0060375

COMMENTS

ORDER

R 99-16332

INITIAL CUSTOMER ORDER NO.

WOG 3 OF 4

SWS

DATE RECEIVED 08/20/99 DATE OPENED 08/24/99 DATE CODE DQ 9/96 SERIAL NUMBER C6225413 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62NAT M24 SWS

ACCESSORIES W/STUDS HARD CASE SCOPE BASE W/ADJ BUTT PLATE

FROM:

SHIP TO:

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY 42223

COMMANDER
101ST ABN DIV (AASLT)
ATTN: AFZB-DL-S-P-S
FORT CAMPBELL

KY 42223

CUST NO: 061543 C.D.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.		D4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

BBL - 96003
Front Sight Base - 96011

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE DATE

Rw 11-22-99 11-23-99 11-23-99

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060375 060414

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KNOWN BY DESIGNATION
 BARBER - M24 063689860415

PerFORM (DLA)

[illegible]

DATE: 19990802

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: WACQAA
UTIL CODE: 0

2/502 INF

PHONE: (502) 798-2433

----- ACTIVITY DATA -----

SUP WON: 2689
SUP UIC: WFJ3B0

B CO 526TH FSB

PHONE: 798-2871
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24
NOUN: RIFLE, 7.62 SER NUM: C6225413 QTY: 00001

ORG WON: ACQAA1929621 PRIORITY: 02 FAILURE DETECTED: G

MI/KM: ----- HOURS: ----- ROUNDS:

IN WARRANTY: LEVEL OF WORK: F ADMIN NUM:

DEFICIENCY: DUE FOR SERVICE

PD AUTHENTICATING SIGNATURE: Adeli CKS

----- SIGNATURE DATA -----

SUBMITTED BY: Adeli CKS ORD DATE: 99215 MIL TIME: _____ACCEPTED BY: 053 STATUS: A ORD DATE: 99215 MIL TIME: _____

----- ACTION DATA -----

WORK STARTED BY: 053 STATUS: B ORD DATE: _____ MIL TIME: _____INSPECTED BY: 053 STATUS: R ORD DATE: _____ MIL TIME: _____PICKED UP BY: Adeli CKS STATUS: h ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

BARBER - M24 006037960418

Final Inspection

Sn: C62254/13

DATE REC'D: 8-20-99

DATE RET'D:

AUDITOR: RW

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225413

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:		8-24-99	RW
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	8-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-20-99	RW
605	CHECK HEADSPACE	10-20-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	10-21-99	RW
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	11-18-99	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-23-99	RW
655	FINAL INSPECT	12-7-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

BARBER - M24 0060382

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225413

7 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0258

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.3274

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .328415

THE AMR FOR THIS RIFLE IS: 1.072

CENTROIDAL DISTANCES

0 TO 1 .790135
1 TO 2 1.11243
1 TO 3 .493812
1 TO 4 .271533
1 TO 5 .817157

5 + 2 <----POA

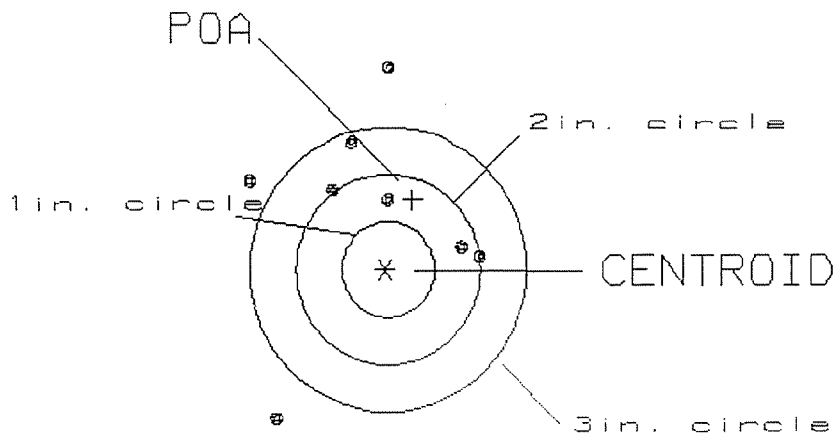
1 4 3

PATTERN #: 1
 POA TO CENTROID: .790
 MIN RADIUS : .728
 MEAN RADIUS : 1.604
 MAX RADIUS : 2.631
 CENTROID X : -.295
 CENTROID Y : -.733

7 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.57

0

VS= 4.65

3

GS= 4.73

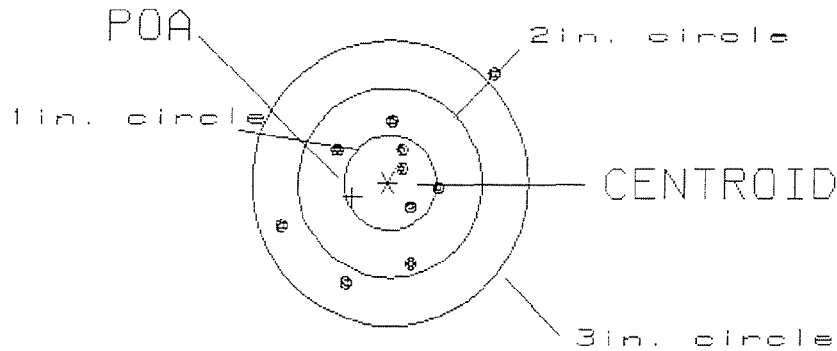
5

PATTERN #: 2
 POA TO CENTROID: .408
 MIN RADIUS : .195
 MEAN RADIUS : .762
 MAX RADIUS : 1.658
 CENTROID X : .379
 CENTROID Y : .152

7 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

H3= 2.39

3

US= 2.23

7

GS= 2.87

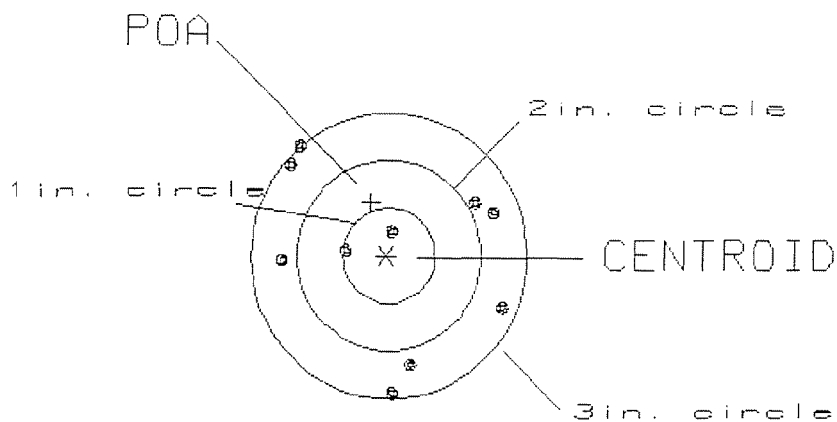
9

PATTERN #: 13
 POA TO CENTROID: .580
 MIN RADIUS : .250
 MEAN RADIUS : 1.107
 MAX RADIUS : 1.489
 CENTROID X : .166
 CENTROID Y : -.556

7 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1.1

CENTERFIRE PATTERN # 3



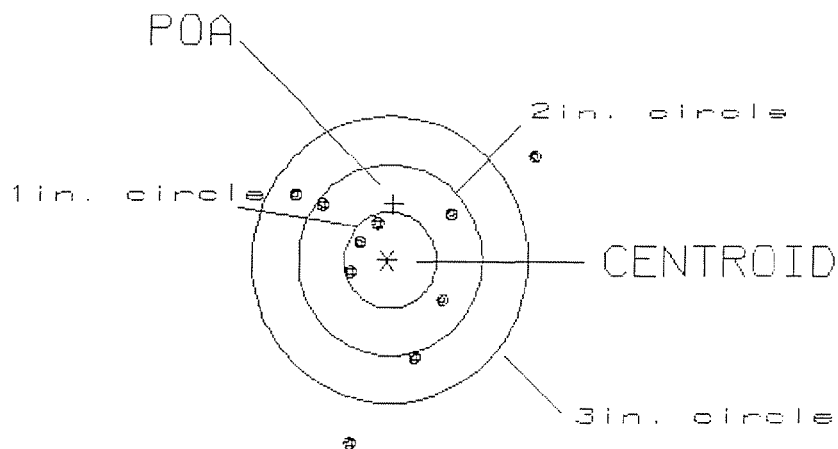
# OF SHOTS= 10	# IN CIRCLE
HS= 2.37	2
VS= 2.63	2
GS= 2.81	10

PATTERN #: 4
 POA TO CENTROID: .588
 MIN RADIUS : .378
 MEAN RADIUS : 1.000
 MAX RADIUS : 1.993
 CENTROID X : -.068
 CENTROID Y : -.584

7 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.62

3

VS= 3.04

6

GS= 3.62

8

BARBER - M24 0060387

REMINGTON CENTERFIRE ACCURACY TEST

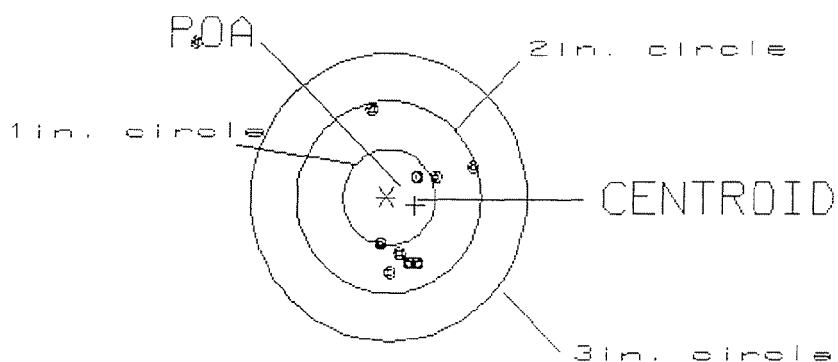
REMINGTON TEST LAB, ILION, N.Y.

```
PATTERN #: 5
POA TO CENTROID: .322
MIN RADIUS : .372
MEAN RADIUS : .888
MAX RADIUS : 2.647
CENTROID X : -.311
CENTROID Y : .084
```

7 DEC 1999

FILE:/H:\basic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS = 3.03

2

VS= 2.39

9

GS = 3.39

5

BARBER - M24 0060388

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225413
6 Dec 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .148
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0096
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148311

THE AMR FOR THIS RIFLE IS: 1.372

CENTROIDAL DISTANCES

Ø TO	1	.443776
1 TO	2	.712239
1 TO	3	.788133
1 TO	4	.772425
1 TO	5	.683078

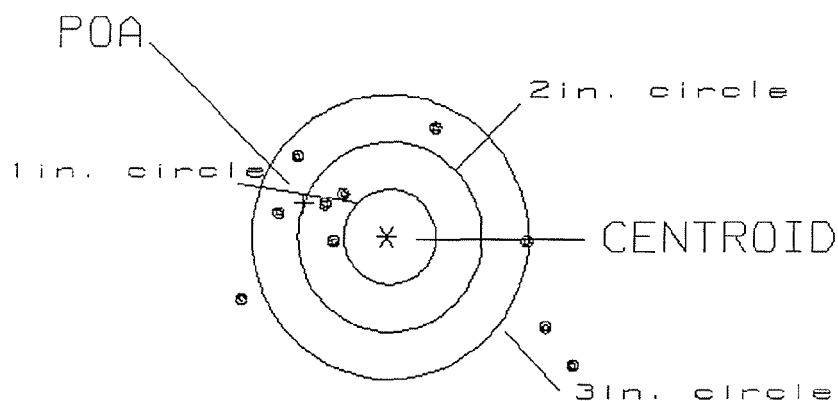
4
3
+ 1 <----FOA
2 5

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .975
 MIN RADIUS : .607
 MEAN RADIUS : 1.353
 MAX RADIUS : 2.403
 CENTROID X : .910
 CENTROID Y : -.349

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.55

0

VS= 2.51

3

GS= 3.75

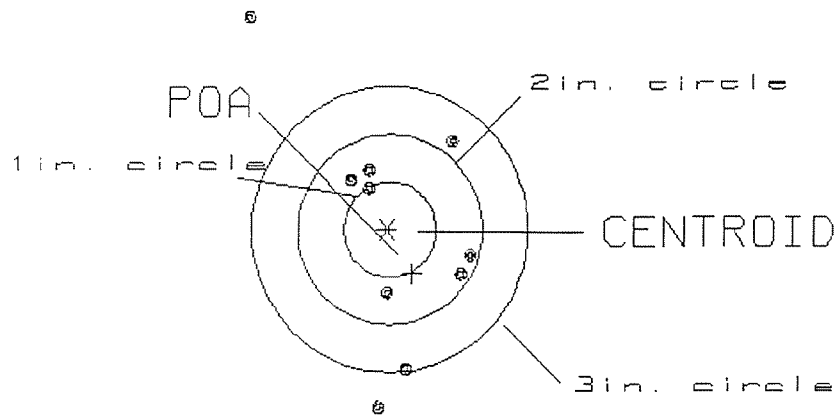
6

PATTERN #: 2
 POA TO CENTROID: .539
 MIN RADIUS : .470
 MEAN RADIUS : 1.144
 MAX RADIUS : 2.670
 CENTROID X : -.272
 CENTROID Y : .466

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.34
 VS= 4.04
 GS= 4.26

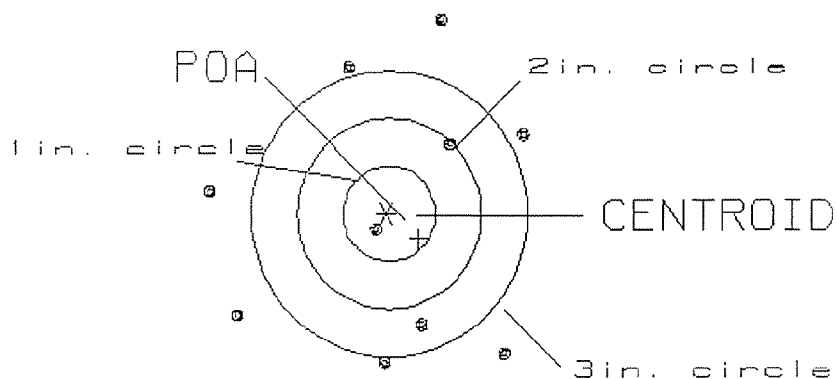
1
 6
 8

PATTERN #: 3
 POA TO CENTROID: .440
 MIN RADIUS : .216
 MEAN RADIUS : 1.497
 MAX RADIUS : 2.100
 CENTROID X : -.353
 CENTROID Y : .263

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.38

1

VS= 3.54

2

GS= 3.79

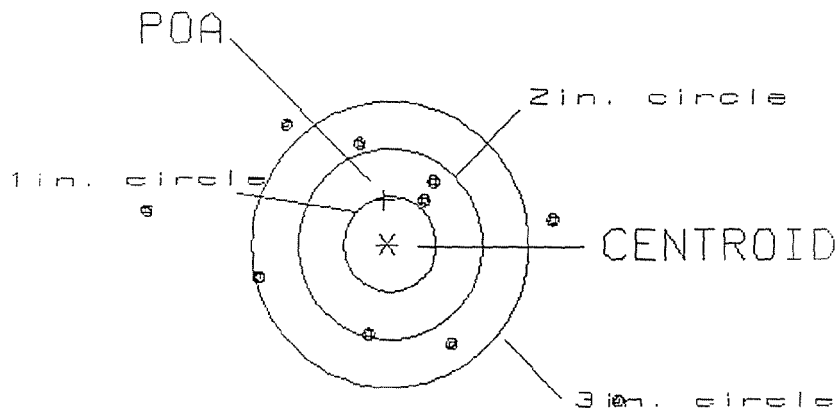
3

PATTERN #: 1 4 1
 POA TO CENTROID: .464
 MIN RADIUS : .628
 MEAN RADIUS : 1.543
 MAX RADIUS : 2.999
 CENTROID X : .031
 CENTROID Y : -.463

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 5.16
 VS= 2.88
 GS= 5.52

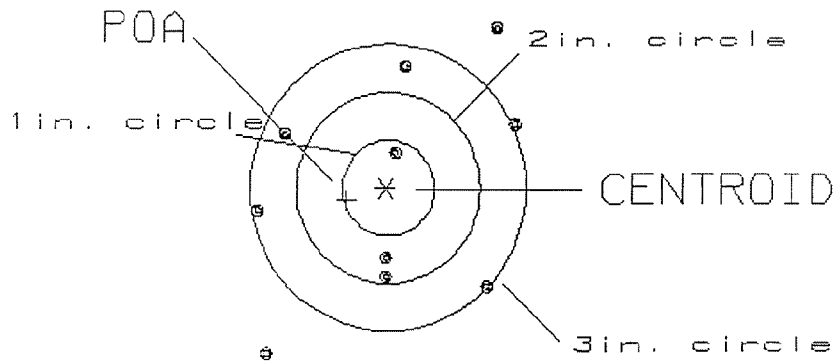
0
 2
 6

PATTERN #: 5
 POA TO CENTROID: .444
 MIN RADIUS : .400
 MEAN RADIUS : 1.321
 MAX RADIUS : 2.217
 CENTROID X : .424
 CENTROID Y : .131

6 Dec 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225413.1.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.81
 VS= 3.48
 GS= 4.27

1
 3
 7

[illegible]

21 DAY TURN - AROUND

Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225413*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>9/9/96</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>9/9/96</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	<i>9/24/96</i>	<i>RW</i>
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>9/25/96</i>	<i>AT</i>
655	FINAL INSPECT	<i>10/1/96</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225413

DATE REC'D: 8/19/86

DATE RET'D:

AUDITOR: RW

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225413
4 Jan 1988

CENTROIDAL DISTANCES

0 TO	1	.452881
1 TO	2	.25948
1 TO	3	.324914
1 TO	4	.610005
1 TO	5	.464475

0.01
in

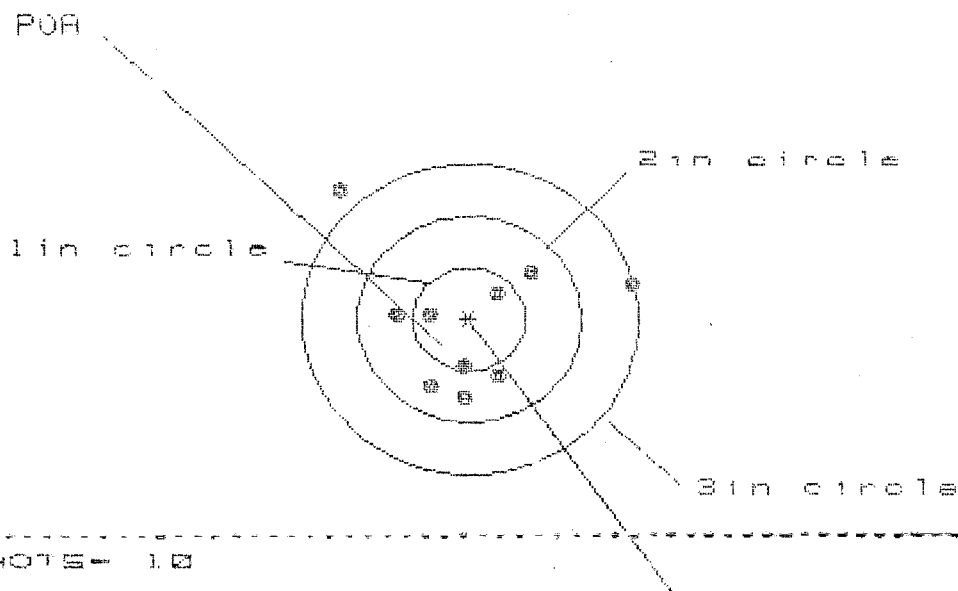
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0618
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .216
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .224667
THE AMR FOR THIS RIFLE IS: 1.973

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06225413

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 8

HS= 2.672

VS= 1.958

CS= 2.887

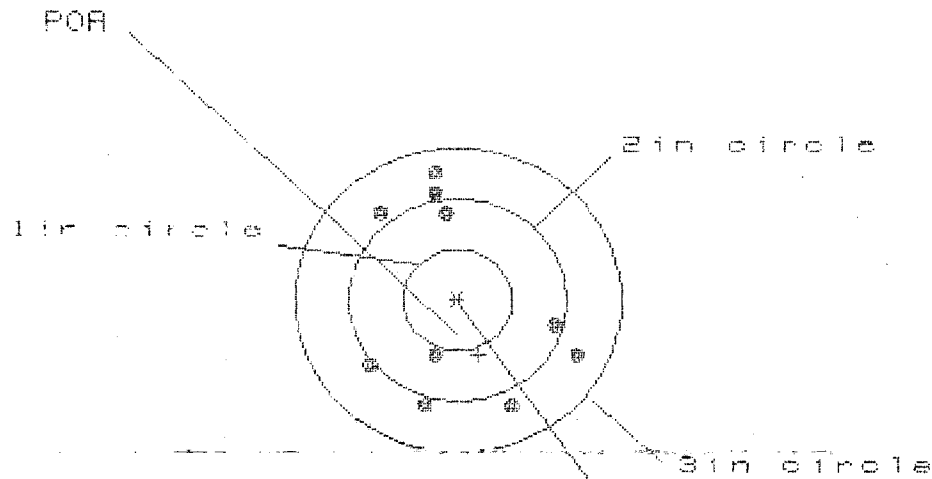
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.488	1.356	.612
MINIMUM X	-1.184	-.772	-.602
MAXIMUM Y	1.241	.610	.675
MINIMUM Y	-.717	-.579	-.514
CENTROID X	.051	.183	.013
CENTROID Y	.450	.312	.247
POA TO CENTROID in.	.453	.362	.248
MIN RADIUS	.343	.401	.288
MEAN RADIUS	.787	.667	.531
MAX RADIUS	1.715	1.453	.911
HORIZONTAL SPREAD	2.672	2.128	1.214
VERTICAL SPREAD	1.958	1.189	1.189
EXTREME SPREAD	2.887	2.159	1.434
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	8		

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225413

CENTERFIRE PATTERNS # 2



+ OF SHOTS - 10

IN CIP

1 in = 0

2 in = 4

3 in = 10

HO = 1.000

VO = 2.296

GO = 2.381

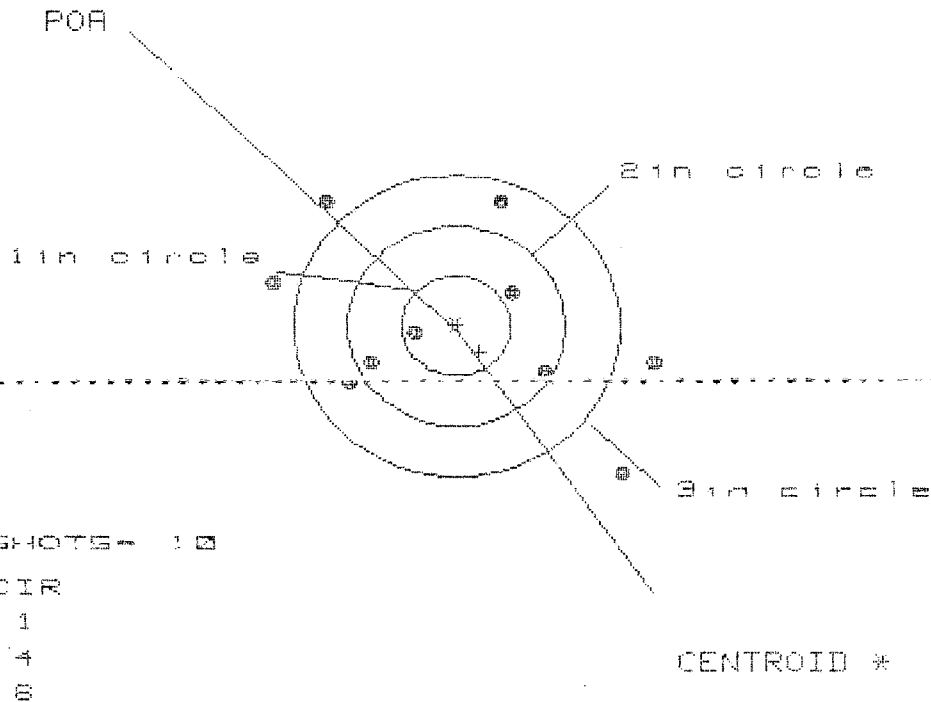
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.043	1.015	1.022
MINIMUM X	-.765	-.793	-.666
MAXIMUM Y	1.233	1.215	1.165
MINIMUM Y	-1.063	-.926	-.976
CENTROID X	-.192	-.164	-.291
CENTROID Y	.541	.404	.454
POA TO CENTROID in.	.574	.436	.539
MIN RADIUS	.537	.428	.422
MEAN RADIUS	1.026	.982	.961
MAX RADIUS	1.258	1.245	1.174
HORIZONTAL SPREAD	1.808	1.808	1.688
VERTICAL SPREAD	2.296	2.141	2.141
EXTREME SPREAD	2.381	2.234	2.234
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225413

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 3.511

VS = 2.728

CS = 3.763

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.827	1.990	1.219
MINIMUM X	-1.684	-1.521	-1.272
MAXIMUM Y	1.277	1.116	1.049
MINIMUM Y	-1.449	-1.742	-1.809
CENTROID X	-0.214	-0.377	-0.626
CENTROID Y	0.262	0.423	0.490
POA TO CENTROID in.	0.339	0.567	0.795
MIN RADIUS	0.381	0.313	0.300
MEAN RADIUS	1.258	1.151	1.017
MAX RADIUS	2.060	2.061	1.398
HORIZONTAL SPREAD	3.511	3.511	2.491
VERTICAL SPREAD	2.726	1.858	1.858
EXTREME SPREAD	3.763	3.608	2.653
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

4 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225413

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS - 12

IN CIR

1in = 2

2in = 6

3in = 6

HS = 3.484

VS = 2.895

GS = 3.788

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.622	1.415	1.577
MINIMUM X	-1.862	-1.813	-1.851
MAXIMUM Y	1.585	1.481	1.304
MINIMUM Y	-1.310	-1.414	-1.790
CENTROID X	.016	.223	.061
CENTROID Y	-.159	-.055	.122
POA TO CENTROID in.	.160	.230	.136
MIN RADIUS	.303	.154	.393
MEAN RADIUS	1.072	.965	.845
MAX RADIUS	2.084	1.917	1.600
HORIZONTAL SPREAD	3.484	2.428	2.428
VERTICAL SPREAD	2.895	2.895	2.094
EXTREME SPREAD	3.789	3.702	2.638
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

4 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225413

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 5

3 in = 7

HS = 3.220

VS = 2.360

GS = 3.234

CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.865	1.854	1.176
MINIMUM X	-1.355	-1.148	-.916
MAXIMUM Y	.812	.826	.766
MINIMUM Y	-1.548	-1.534	-1.595
CENTROID X	.030	-.177	-.409
CENTROID Y	-.014	-.028	.032
POA TO CENTROID in.	.033	.179	.410
MIN RADIUS	.704	.713	.511
MEAN RADIUS	1.221	1.123	.977
MAX RADIUS	1.869	1.917	1.617
HORIZONTAL SPREAD	3.220	3.002	2.092
VERTICAL SPREAD	2.360	2.360	2.360
EXTREME SPREAD	3.234	3.020	2.601
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		