

C6225174

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Number:	RE00071754	Serial: C6225174 Model 700 Center Fire Caliber .7	Repairman:	
Verify Repair		62 NATO M24 SWS	Status:	Closed 10/21/2003 11:50:16 AM

Customer:		☒ Received From	Return To:		☐ Received From
Name:	MATERIAL MOVEMENT SECTION			MATERIAL MOVEMENT SECTION	
Address 1:	BLDG 9630			BLDG 9630	
Address 2:	PRESCOTT AVE	PO Box:		PRESCOTT AVE	PO Box:
City:	FORT LEWIS			FORT LEWIS	
State:	WA	Zip Code:	98433	Country:	US

FFL: [] [] [] [] [] [] []

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing												
Contact Information Phone: Fax: Email: Comments:	Received Condition Fair Condition Notes: CSR Notes:		Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Code</th> <th style="width: 60%;">Desc</th> <th style="width: 25%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td style="text-align: center;">3</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td style="text-align: center;">2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Stud	3	A016	Scope Mounts	2	A017	Scope Base	1
Code	Desc	Qty														
A007	With Stud	3														
A016	Scope Mounts	2														
A017	Scope Base	1														
Repair Search		Refresh Close														

Serial Number: C6225174

Model: 700



RE00071754

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225174.___0
FILE DATE AND TIME: 11/11/2003 11:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

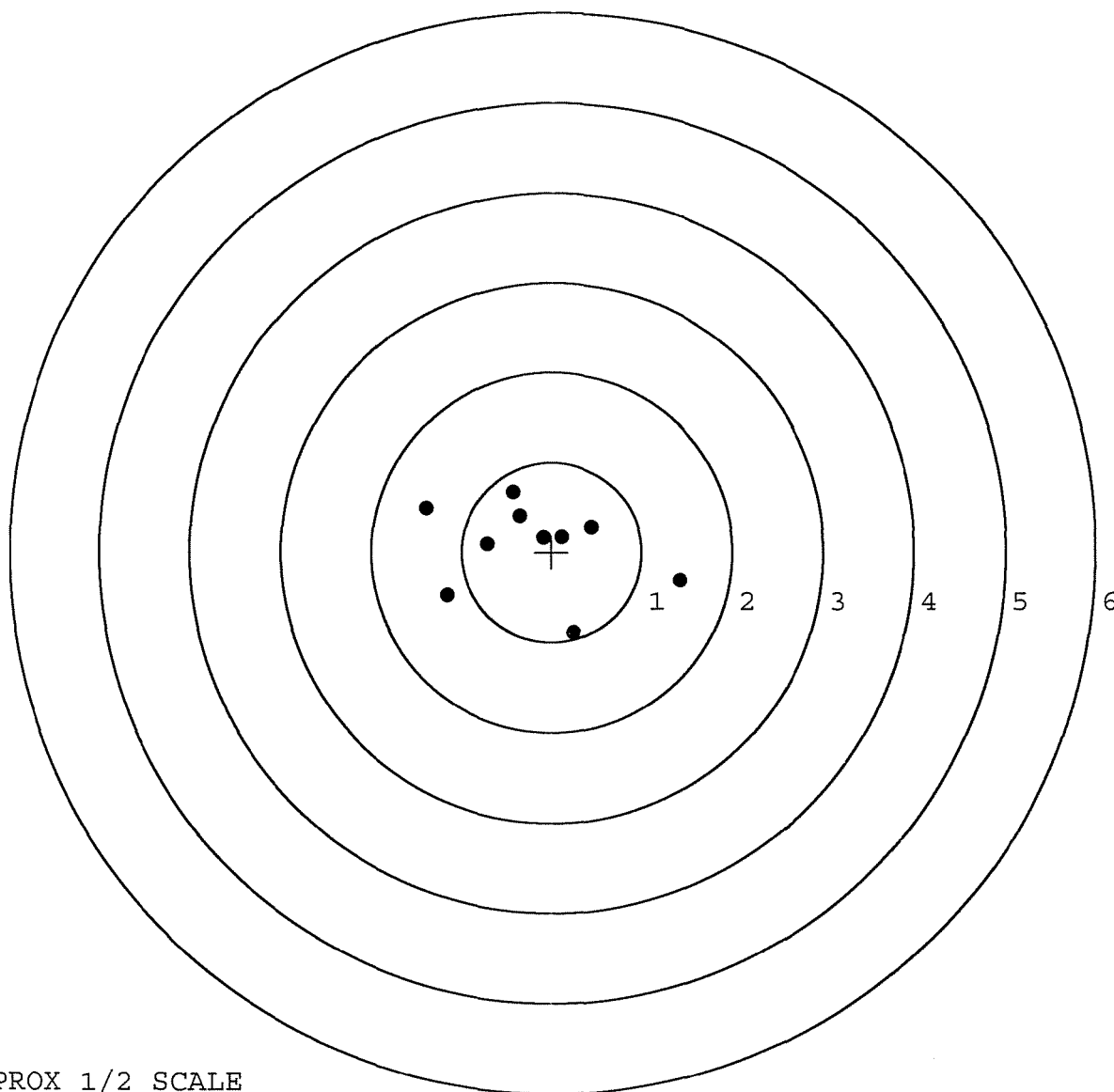
The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	0.002
The Average Point of Impact of the Five Target Set:	0.040
The Average Mean Radius of the Five Target Set:	0.546
The Distance from POA to Centroid Target #1:	0.199
The Distance from Centroid Target #2 to Centroid Target #1:	0.220
The Distance from Centroid Target #3 to Centroid Target #1:	0.192
The Distance from Centroid Target #4 to Centroid Target #1:	0.273
The Distance from Centroid Target #5 to Centroid Target #1:	0.189

BARBER - M24 0009966

SERIAL NUMBER: C6225174. __0
 TARGET NUMBER: 1
 FILE DATE: 11/11/2003
 FILE TIME: 11:33

X CENTROID: -0.191
 Y CENTROID: 0.056
 POA TO CENTROID: 0.199
 HORZ SPREAD: 2.815
 VERT SPREAD: 1.574
 GROUP SPREAD: 2.929
 MIN RADIUS: 0.151
 MAX RADIUS: 1.656
 MEAN RADIUS: 0.783
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.433	0.668
2:	-1.394	0.487
3:	-0.712	0.095
4:	-1.164	-0.490
5:	0.250	-0.906
6:	1.421	-0.321
7:	-0.357	0.403
8:	-0.088	0.165
9:	0.120	0.173
10:	0.443	0.282



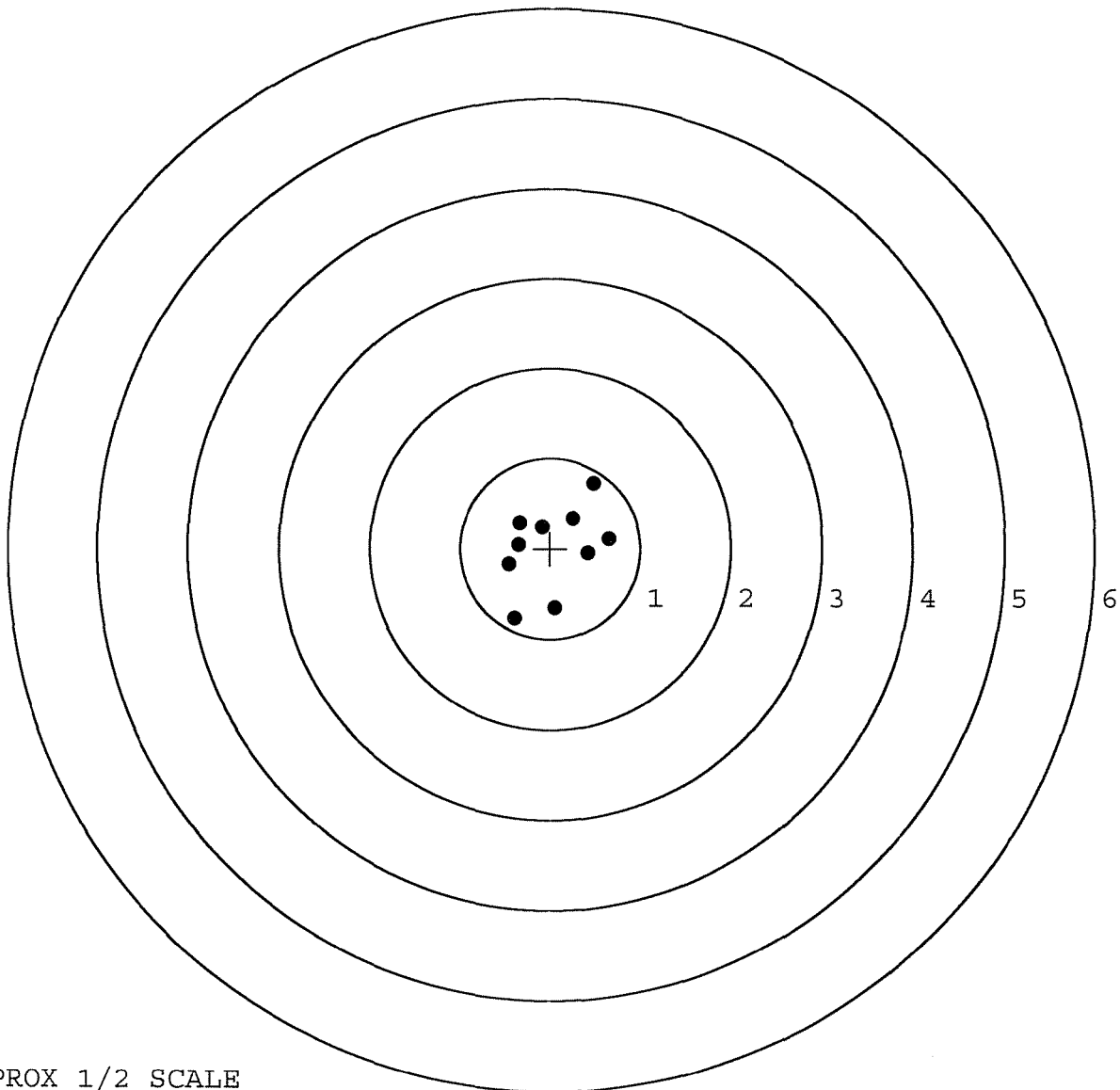
TARGET APPROX 1/2 SCALE

BARBER - M24 0009967

SERIAL NUMBER: C6225174. __0
TARGET NUMBER: 2
FILE DATE: 11/11/2003
FILE TIME: 11:33

X CENTROID: 0.023
Y CENTROID: 0.006
POA TO CENTROID: 0.023
HORZ SPREAD: 1.112
VERT SPREAD: 1.503
GROUP SPREAD: 1.744
MIN RADIUS: 0.257
MAX RADIUS: 0.891
MEAN RADIUS: 0.546
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.399	-0.779
2:	0.051	-0.663
3:	0.654	0.109
4:	0.423	-0.052
5:	0.251	0.330
6:	0.486	0.724
7:	-0.344	0.284
8:	-0.351	0.045
9:	-0.458	-0.175
10:	-0.087	0.239



TARGET APPROX 1/2 SCALE

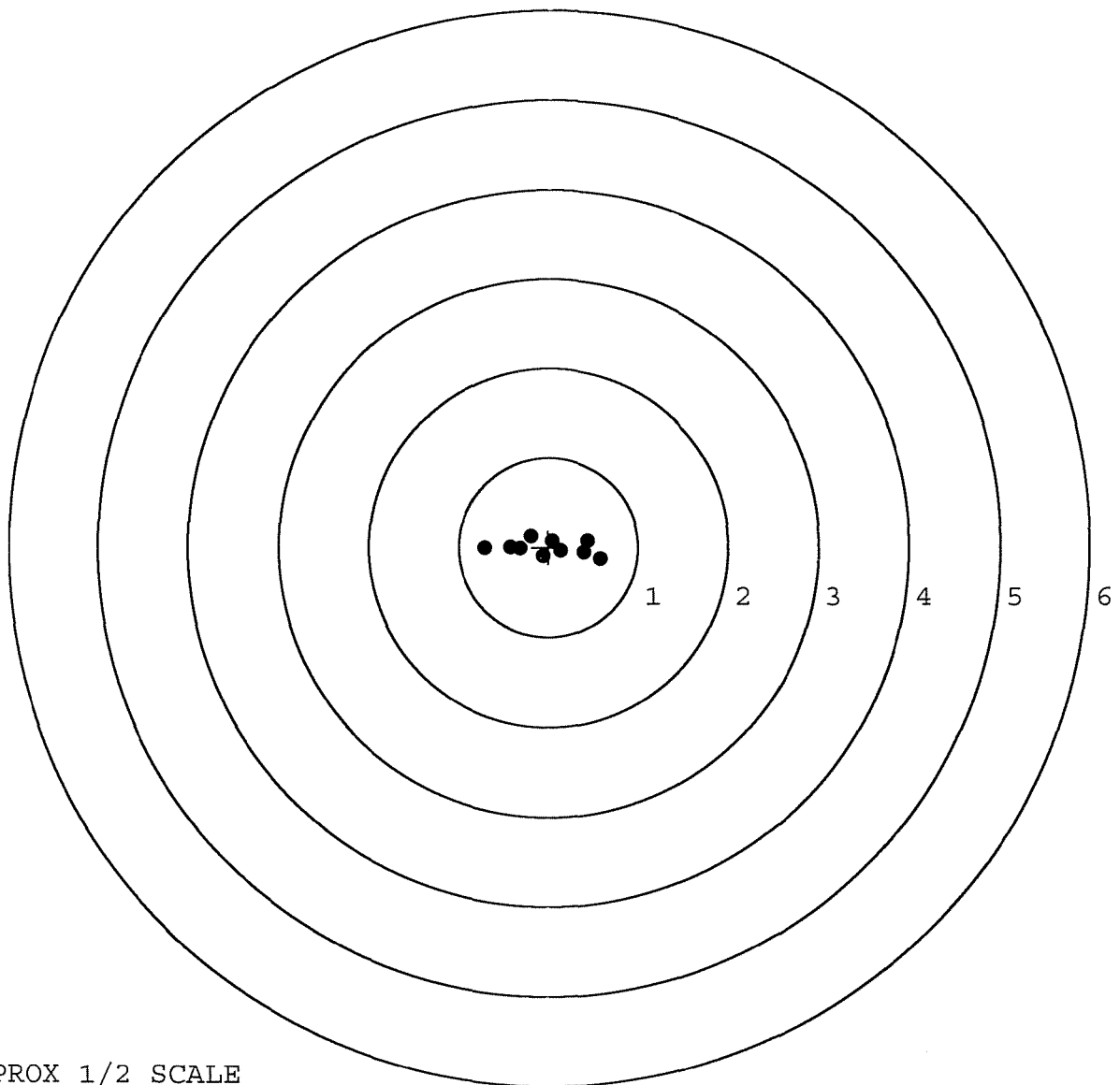
BARBER - M24 0009968

SERIAL NUMBER: C6225174. __0
TARGET NUMBER: 3
FILE DATE: 11/11/2003
FILE TIME: 11:33

X CENTROID: -0.010
Y CENTROID: -0.008
POA TO CENTROID: 0.013
HORZ SPREAD: 1.293
VERT SPREAD: 0.251
GROUP SPREAD: 1.299
MIN RADIUS: 0.096
MAX RADIUS: 0.699
MEAN RADIUS: 0.348

IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.442	0.079
2:	0.584	-0.129
3:	-0.709	-0.009
4:	-0.425	0.001
5:	-0.198	0.122
6:	-0.062	-0.104
7:	0.044	0.071
8:	0.134	-0.042
9:	0.404	-0.054
10:	-0.314	-0.019



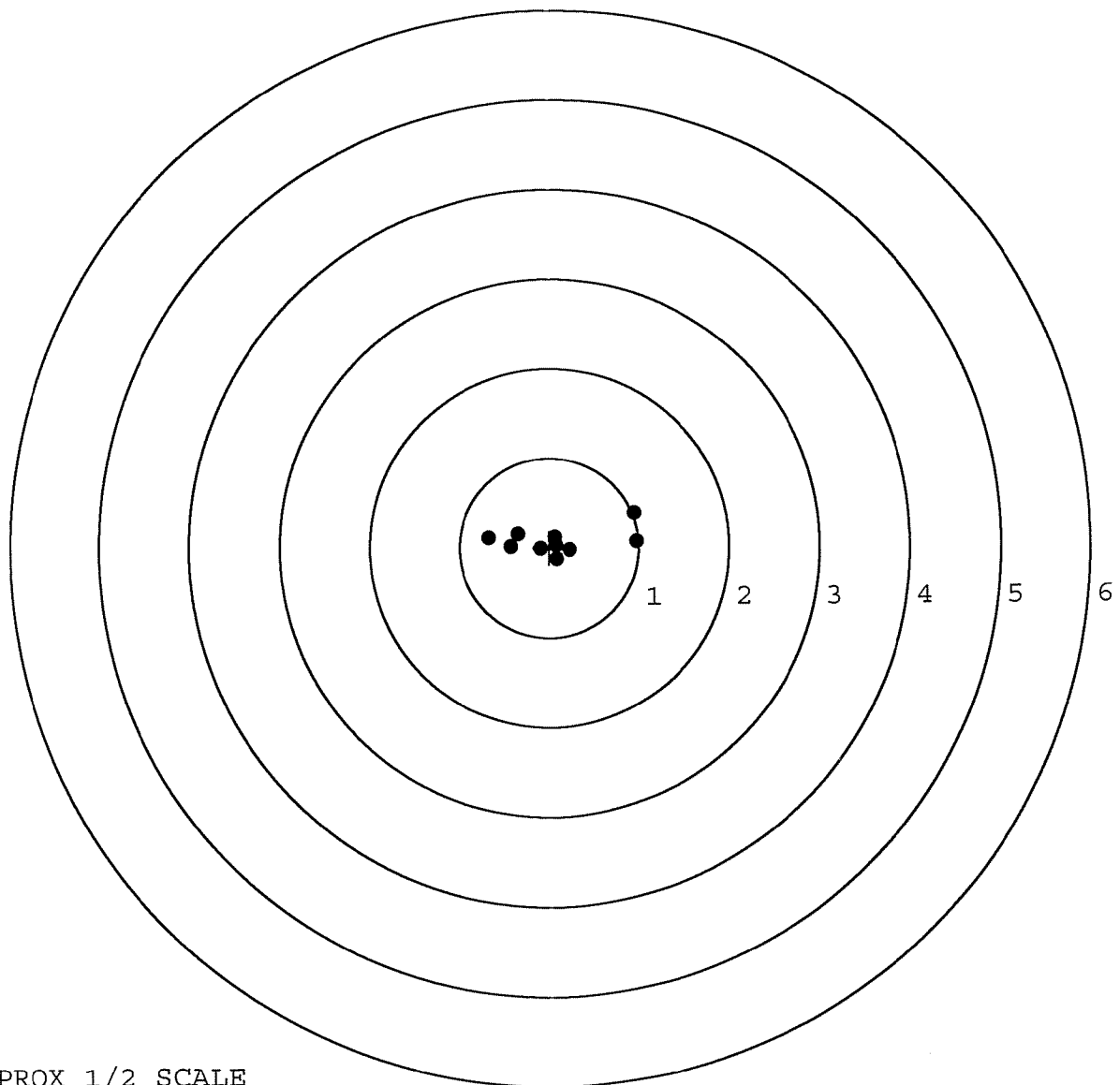
TARGET APPROX 1/2 SCALE

BARBER - M24 0009969

SERIAL NUMBER: C6225174. __0
TARGET NUMBER: 4
FILE DATE: 11/11/2003
FILE TIME: 11:33

X CENTROID: 0.082
Y CENTROID: 0.068
POA TO CENTROID: 0.106
HORZ SPREAD: 1.653
VERT SPREAD: 0.508
GROUP SPREAD: 1.653
MIN RADIUS: 0.043
MAX RADIUS: 0.924
MEAN RADIUS: 0.420
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.953	0.377
2:	0.975	0.062
3:	-0.678	0.108
4:	-0.347	0.152
5:	-0.429	0.010
6:	0.061	0.116
7:	0.232	-0.027
8:	0.081	-0.131
9:	-0.104	-0.014
10:	0.074	0.026



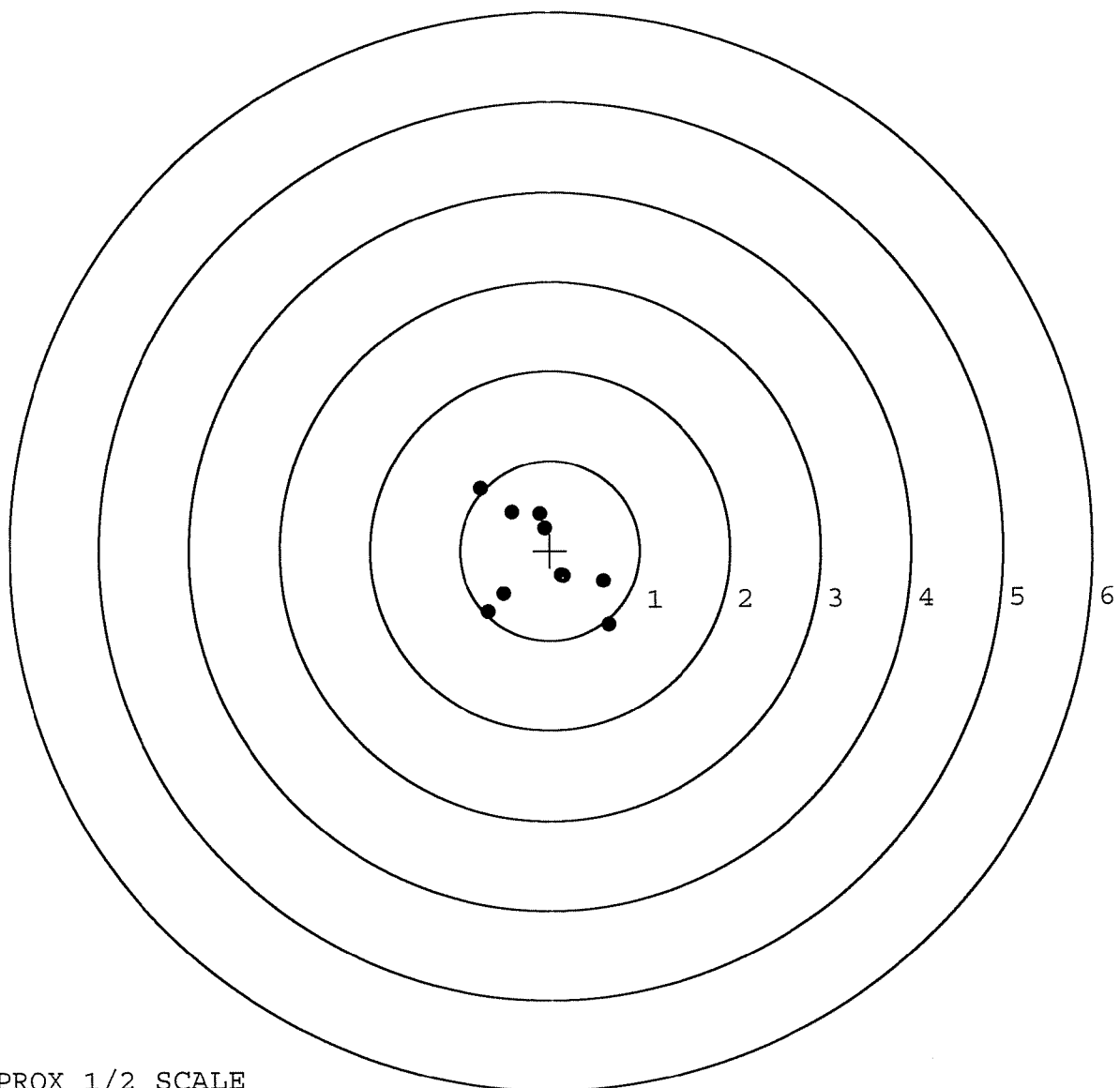
TARGET APPROX 1/2 SCALE

BARBER - M24 0009970

SERIAL NUMBER: C6225174. __0
TARGET NUMBER: 5
FILE DATE: 11/11/2003
FILE TIME: 11:33

X CENTROID: -0.105
Y CENTROID: -0.112
POA TO CENTROID: 0.154
HORZ SPREAD: 1.431
VERT SPREAD: 1.527
GROUP SPREAD: 2.093
MIN RADIUS: 0.279
MAX RADIUS: 1.050
MEAN RADIUS: 0.632
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.772	0.698
2:	-0.422	0.431
3:	-0.118	0.407
4:	-0.061	0.248
5:	-0.517	-0.486
6:	-0.692	-0.686
7:	0.153	-0.284
8:	0.599	-0.346
9:	0.659	-0.829
10:	0.121	-0.276



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 10-27-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.25	2.27		2.29	
PULL #2	2.13	2.25		2.38	
PULL #3	2.32	2.36		2.39	
PULL #4	2.45	2.43		2.36	
PULL #5	2.15	2.40		2.35	
TOTAL	11.30	11.71		11.77	
AVERAGE	2.26	2.34		2.35	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.14		
PULL #2	3.35	3.24		
PULL #3	3.44	3.32		
PULL #4	3.41	3.26		
PULL #5	3.31	3.29		
TOTAL	16.96	16.25		
AVERAGE	3.39	3.25		

	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	4.25	4.17		4.12
PULL #2	4.29	4.08		4.43
PULL #3	4.38	4.06		4.23
PULL #4	4.37	4.21		4.11
PULL #5	4.32	4.13		4.23
TOTAL	21.61	20.65		21.12
AVERAGE	4.32	4.13		4.22

R & E NUMBER	71754		
SERIAL NUMBER	C60225174		
LOG-IN DATE	10/21/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-27-03	RTL
560 A	RE-BARREL	10-29-03	RTL
B	DRILL AND TAP	11-4-03	TRW
575	ASSEMBLE	11-3-03	RTL
600	PROOF	11-3-03	AC
605	CHECK HEADSPACE	11-3-03	AC
610	DIS-ASSEMBLE GUN	11-3-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	11-5-03	JS
618	ROTO-BLAST		
620	APPLY COATINGS	11-8	TA
625 A	FINAL ASSEMBLY	11-10-03	RTL
B	TRIGGER PULL TEST	12-12-03	RTL
C	SAFETY "ON" FORCE	12-12-03	RTL
D	SAFETY "OFF" FORCE	12-12-03	RTL
E	FIRING PIN INDENT		
640	TARGET	11-11-03	AC
655	FINAL INSPECT	12-12-03	RTL
660	PACK	12/12/03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225174

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	G.S.
617	Drill and Tap Sight Holes	4 27	89	LB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/5/89	TSN
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/16/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/16/89	RW
	C) Inspect Ejector Hole for Chamfer		5/16/89	RW
	D) Oil Firing Pin Ass'y		5/16/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/19/89	JP

op. #	BARBER - M24 0009974 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/22/89	JK
	G) Safety Off Force	3	3	3			5/22/89	JK
	H) Trigger Pull Test & Retainability						5/19/89	JK
	I) Firing Pin Indent	.020	.020	.020.5			5/22/89	JK
	J) Assemble Stock						5/22/89	RW
	K) Assemble Swivel Studs						30 May 89	JK
	L) Attach Front and Rear Sight Assemblies						5/22/89	RW
	M) Iron Sight Alignment						5/22/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/22/89	RW
	O) Attach Scope to Rifle						5/22/89	WCB
	P) Detach & Attach Scope 20 Times						5/22/89	WCB
640	Gallery Target & Test	58 R	91L				5-23-89	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						5-23-89	A
655	Final Inspection							
	A) Headspace						30 May 89	JK
	B) Trigger Pull	2.53	2.78	2.60	2.55	2.49	30 May 89	JK
	C) Function						30 May 89	JK
660	Pack						27 June 89	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225174

DATE 3-30-90

TESTER JEH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.48		2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.43		2.40	
PULL #3	2.43	2.42		2.38	
PULL #4	2.44	2.44		2.38	
PULL #5	2.42	2.44		2.39	
TOTAL	12.13	12.21		11.93	
AVG.	2.426	2.442		2.386	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.36		
PULL #2	3.22	3.31		
PULL #3	3.19	3.28		
PULL #4	3.47	3.27		
PULL #5	3.50	3.26		
TOTAL	16.65	16.48		
AVG.	3.33	3.296		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.48	4.36		
PULL #2	4.31	4.31		
PULL #3	4.31	4.34		
PULL #4	4.30	4.33		
PULL #5	4.34	4.35		
TOTAL	21.74	21.69		
AVG.	4.348	4.338		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225174
30 MAY 1989

CENTROIDAL DISTANCES

0 TO	1	.301496
1 TO	2	.201646
1 TO	3	.825316
1 TO	4	.428725
1 TO	5	.427329

53
3 4 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.445
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0662
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .449897
THE AMR FOR THIS RIFLE IS: .81

Remington®

MODEL 700™ H24

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.

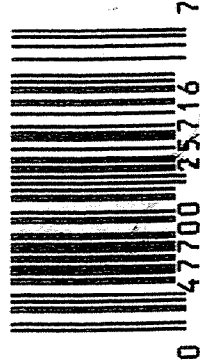
DU PONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. C6225174	Ø1
ORDER NO. 5716	



5716 C6225174

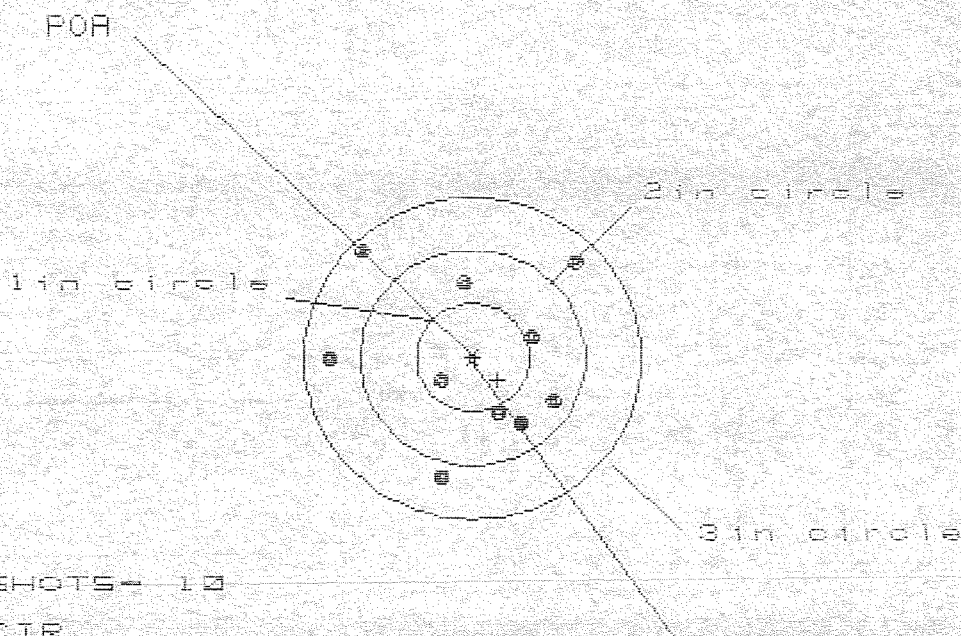
UPC



23 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06285174

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 2.211

VS = 2.024

GS = 2.375

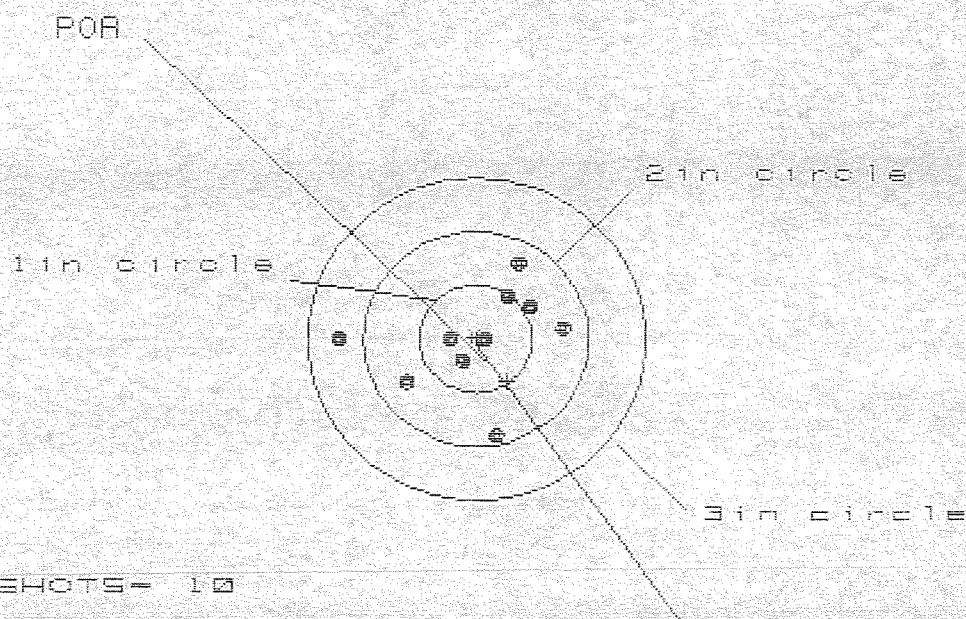
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.937	.826	.707
MINIMUM X	-1.274	-1.385	-1.282
MAXIMUM Y	.952	1.016	.886
MINIMUM Y	-1.072	-.966	-.839
CENTROID X	-.222	-.111	-.214
CENTROID Y	.204	.098	-.029
POA TO CENTROID in.	.302	.148	.216
MIN RADIUS	.327	.365	.240
MEAN RADIUS	.869	.781	.702
MAX RADIUS	1.384	1.393	1.312
HORIZONTAL SPREAD	2.211	2.211	1.989
VERTICAL SPREAD	2.024	1.982	1.725
EXTREME SPREAD	2.375	2.375	2.036
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

23 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225124

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 2.029

VS= 1.588

GS= 2.036

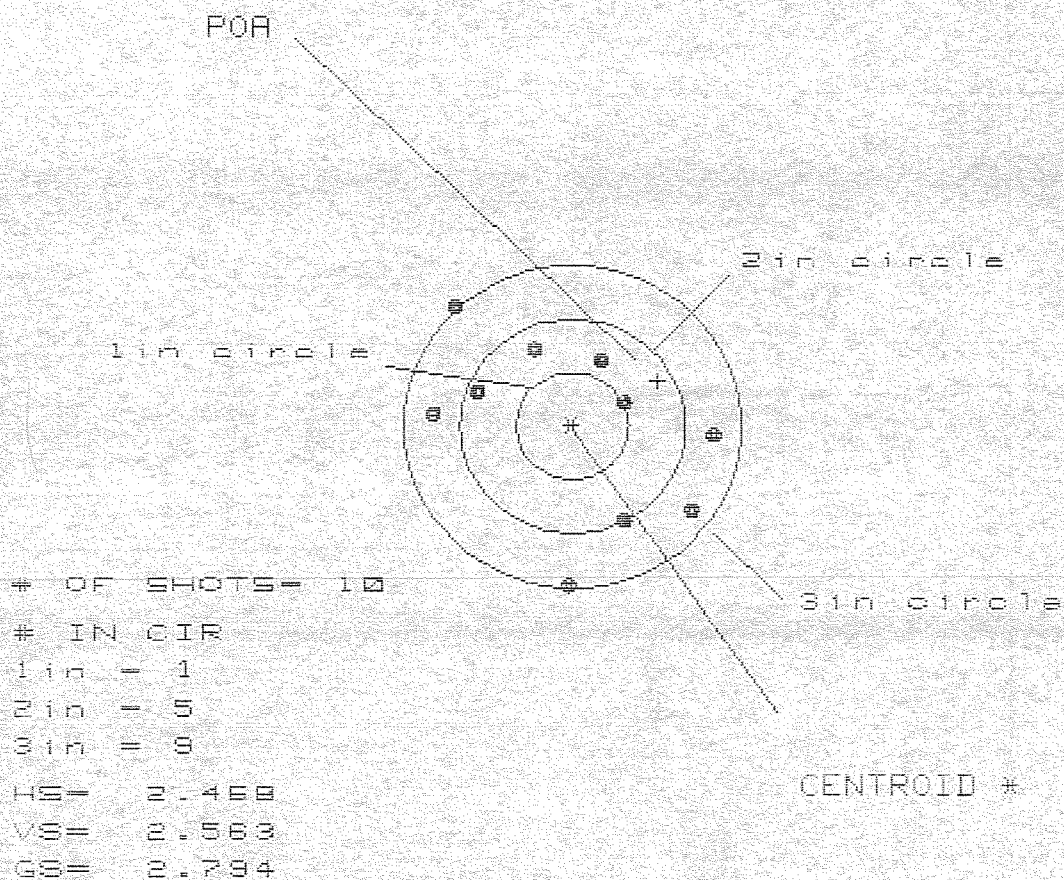
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.820	.685	.687
MINIMUM X	:	-1.210	-.785	-.783
MAXIMUM Y	:	.665	.662	.546
MINIMUM Y	:	-.923	-.926	-.503
CENTROID X	:	-.277	-.143	-.145
CENTROID Y	:	.398	.401	.517
POA TO CENTROID in.	:	.485	.426	.536
MIN RADIUS	:	.130	.049	.164
MEAN RADIUS	:	.624	.548	.497
MAX RADIUS	:	1.210	.926	.931
HORIZONTAL SPREAD	:	2.029	1.470	1.470
VERTICAL SPREAD	:	1.588	1.588	1.049
EXTREME SPREAD	:	2.036	1.606	1.560
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

23 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225174

CENTERFIRE PATTERNS # 3

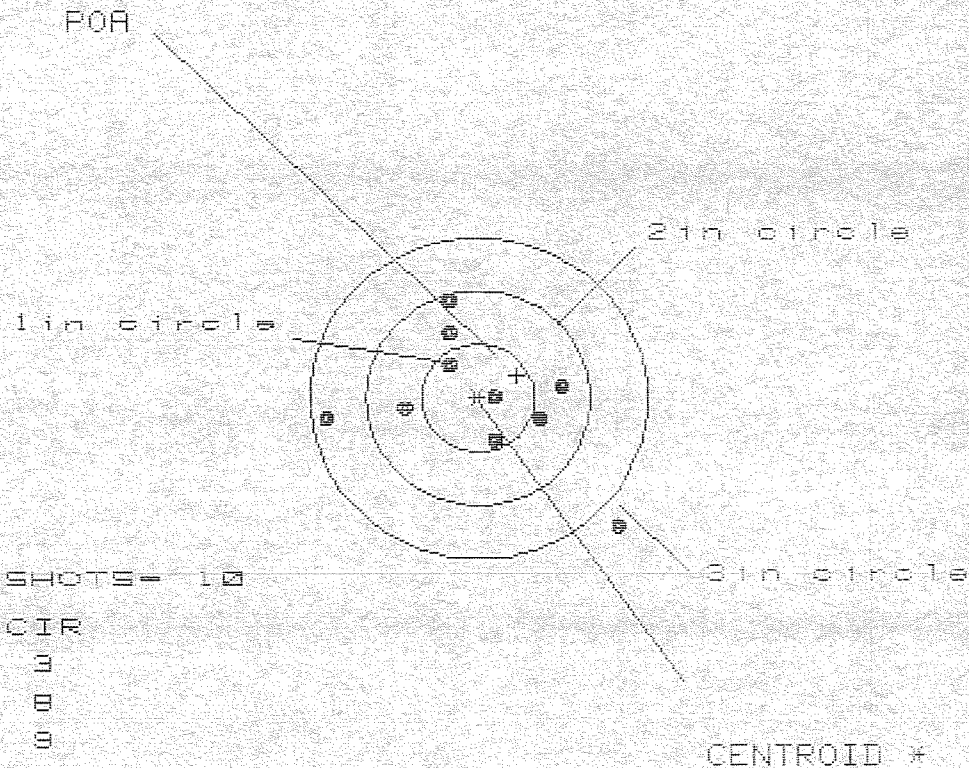


PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.221	1.109	1.094
MINIMUM X	-1.247	-1.359	-1.374
MAXIMUM Y	1.134	.895	.732
MINIMUM Y	-1.429	-1.303	-.884
CENTROID X	-.761	-.649	-.634
CENTROID Y	-.421	-.547	-.384
POA TO CENTROID in.	.869	.849	.741
MIN RADIUS	.488	.466	.357
MEAN RADIUS	1.057	1.000	.932
MAX RADIUS	1.516	1.376	1.376
HORIZONTAL SPREAD	2.468	2.468	2.468
VERTICAL SPREAD	2.563	2.198	1.616
EXTREME SPREAD	2.794	2.475	2.475
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

23 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225174

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 2.577

VS = 2.080

GS = 2.734

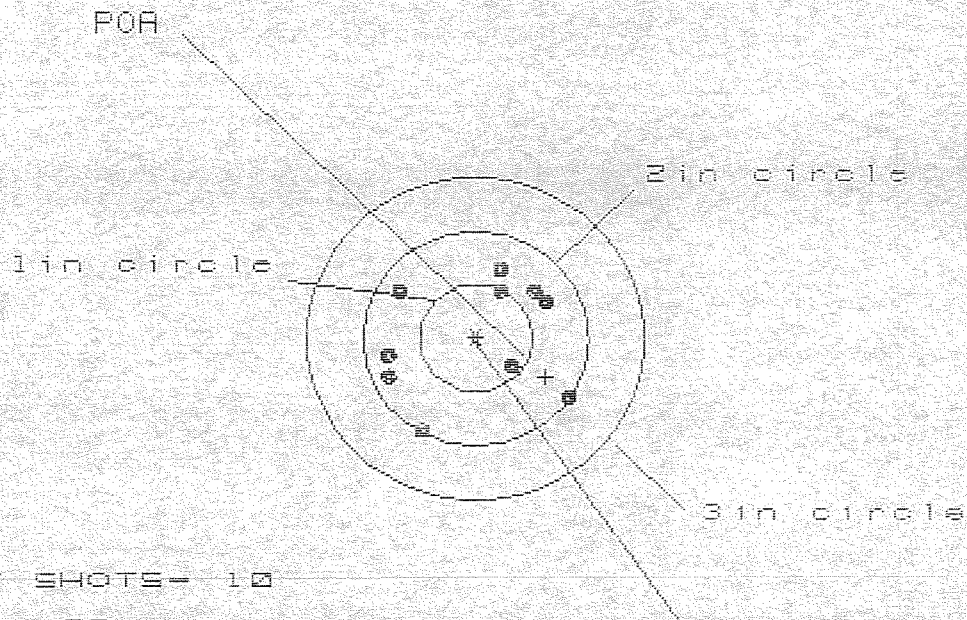
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	.918	.766
MINIMUM X	:	-1.352	-1.216	-.626
MAXIMUM Y	:	.936	.809	.765
MINIMUM Y	:	-1.143	-.498	-.542
CENTROID X	:	-.344	-.480	-.328
CENTROID Y	:	-.207	-.080	-.036
POA TO CENTROID in.	:	.402	.407	.330
MIN RADIUS	:	.146	.260	.178
MEAN RADIUS	:	.773	.663	.574
MAX RADIUS	:	1.676	1.268	.818
HORIZONTAL SPREAD	:	2.577	2.134	1.392
VERTICAL SPREAD	:	2.080	1.307	1.307
EXTREME SPREAD	:	2.734	2.154	1.436
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

23 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225174

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 10

3 in = 10

HS= 1.524

VS= 1.503

GS= 1.786

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.772	.722	.695
MINIMUM X	:	-.752	-.802	-.711
MAXIMUM Y	:	.636	.540	.457
MINIMUM Y	:	-.867	-.659	-.584
CENTROID X	:	-.621	-.571	-.662
CENTROID Y	:	.357	.453	.536
POA TO CENTROID in.	:	.716	.729	.851
MIN RADIUS	:	.391	.347	.332
MEAN RADIUS	:	.727	.681	.640
MAX RADIUS	:	.974	.978	.907
HORIZONTAL SPREAD	:	1.524	1.524	1.406
VERTICAL SPREAD	:	1.503	1.199	1.041
EXTREME SPREAD	:	1.786	1.786	1.557
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225174
13 Jun 1989

INTERCHANGEABILITY

CENTROIDAL DISTANCES

0 TO	1	.507394
1 TO	2	.338754
1 TO	3	.41445
1 TO	4	.212941
1 TO	5	.117886

+54 <----POA
54

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4108
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2814
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .497938
THE AMR FOR THIS RIFLE IS: .8316

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225174.1

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 1.192

VS= 2.545

GS= 2.549

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.554	.548	.558
MINIMUM X	-.638	-.644	-.634
MAXIMUM Y	1.095	.934	.753
MINIMUM Y	-1.450	-.637	-.521
CENTROID X	.493	.499	.489
CENTROID Y	-.120	.041	-.075
POA TO CENTROID in.	.507	.501	.494
MIN RADIUS	.105	.020	.101
MEAN RADIUS	.610	.513	.443
MAX RADIUS	1.451	.938	.984
HORIZONTAL SPREAD	1.192	1.192	1.192
VERTICAL SPREAD	2.545	1.571	1.274
EXTREME SPREAD	2.549	1.576	1.540
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 10		

9 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225174.1

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS = 2.083

VS = 1.677

GS = 2.083

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.771	.659
MINIMUM X	:	-1.016	-.898	-.684
MAXIMUM Y	:	.938	.873	.789
MINIMUM Y	:	-.739	-.804	-.888
CENTROID X	:	.298	.179	.291
CENTROID Y	:	-.397	-.332	-.248
POB TO CENTROID in.	:	.496	.377	.382
MIN RADIUS	:	.322	.208	.261
MEAN RADIUS	:	.758	.703	.631
MAX RADIUS	:	1.217	1.124	1.121
HORIZONTAL SPREAD	:	2.083	1.669	1.343
VERTICAL SPREAD	:	1.677	1.677	1.677
EXTREME SPREAD	:	2.083	2.045	1.875
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225174.1

CENTERFIRE PATTERNS # 3

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.499

VS= 1.915

GS= 2.549

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.220	1.078	.583
MINIMUM X	:	-1.279	-.928	-.793
MAXIMUM Y	:	.894	.874	.911
MINIMUM Y	:	-1.021	-1.041	-1.004
CENTROID X	:	.293	.435	.300
CENTROID Y	:	-.483	-.463	-.500
POR TO CENTROID in.	:	.565	.635	.584
MIN RADIUS	:	.339	.305	.353
MEAN RADIUS	:	.842	.781	.733
MAX RADIUS	:	1.292	1.275	1.208
HORIZONTAL SPREAD	:	2.499	2.006	1.376
VERTICAL SPREAD	:	1.915	1.915	1.915
EXTREME SPREAD	:	2.549	2.201	2.201
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225174.1

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 0.813

VS = 2.139

GS = 2.920

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.418	.804	.649
MINIMUM X	:	-1.395	-1.237	-.491
MAXIMUM Y	:	.956	.921	.956
MINIMUM Y	:	-1.183	-1.077	-1.042
CENTROID X	:	.593	.435	.590
CENTROID Y	:	-.308	-.414	-.449
POA TO CENTROID in.	:	.668	.601	.741
MIN RADIUS	:	.259	.320	.399
MEAN RADIUS	:	.881	.776	.717
MAX RADIUS	:	1.710	1.268	1.149
HORIZONTAL SPREAD	:	2.813	2.041	1.140
VERTICAL SPREAD	:	2.139	1.998	1.998
EXTREME SPREAD	:	2.920	2.273	2.273
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

9 Jun 1999

FILE: \PATTERNING\CENTERFIRE_PATT\CG225174.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.027

VS = 2.464

GS = 3.270

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.687	1.538	1.166
MINIMUM X	-1.340	-1.202	-1.009
MAXIMUM Y	1.363	1.245	1.251
MINIMUM Y	-1.101	-1.219	-1.213
CENTROID X	.377	.526	.333
CENTROID Y	-.099	.019	.013
POA TO CENTROID in.	.390	.526	.334
MIN RADIUS	.242	.200	.325
MEAN RADIUS	1.067	.976	.905
MAX RADIUS	1.714	1.539	1.313
HORIZONTAL SPREAD	3.027	2.740	2.175
VERTICAL SPREAD	2.464	2.464	2.464
EXTREME SPREAD	3.270	2.756	2.621
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-16369

INITIAL
JJM

CUSTOMER ORDER NO.

M-24 SNIPER

DATE RECEIVED
07/15/96

DATE OPENED
07/15/96

DATE CODE
CJ 4-89

SERIAL NUMBER
C6225174

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS WA 98433

SHIP TO:

DEPT OF THE ARMY
C CO 3RD BN 1ST SFG (A)
FORT LEWIS WA 98433

CUST NO: 145454 C.O.D.L

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

PARTS

Barrel 96003

COMMENTS

Repowder Coat Trigger Guard
ASSY. Front & Rear Sight
Bases
Rezinic Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 000998910028

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET									
For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG									
1. ORGANIZATION C 3RD BN 1ST SFG(A)					2. NOMENCLATURE AND MODEL M24 SWS				
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE		6. TYPE INSPECTION	
7. APPLICABLE REFERENCE									
TM NUMBER			TM DATE		TM NUMBER			TM DATE	
COLUMN a — Enter TM item number.					COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.				
COLUMN b — Enter the applicable condition status symbol.					COLUMN e — Individual ascertaining completed corrective action initial in this column.				
COLUMN c — Enter deficiencies and shortcomings.									
STATUS SYMBOLS									
"X"—Indicates a deficiency in the equipment that places it in an inoperable status.					DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.				
CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.					LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists.				
HORIZONTAL DASH "(—)"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.					FOR AIRCRAFT—Status symbols will be recorded in red.				
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.									
8a. SIGNATURE (Person(s) performing inspection)			8b. TIME		9a. SIGNATURE (Maintenance Supervisor)			9b. TIME	
								10. MANHOURS REQUIRED	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c			CORRECTIVE ACTION d			INITIAL WHEN CORRECTED e	
		C6348730			-X EXCESS OF 10,000 RDS				
		C6225181			PER GUN, EACH NEEDS				
		C6225524			RE-BARRLING				
		C6348969			T/I TRIGGERS/STOCKS				
		C6348954			Repaider Coat Trigger Coug.				
		C6225270			-X THESE WEAPONS WERE				
		C6225467			SHOOTING THE SCOPE BASE				
		C6348907			SNIPER CLASS, SNIPER				
		C6225409			COMMITTEE SAID THEY				
		C6348868			NEED RE-BARRLING,				
		C6225174			DUE TO POOR SHOT PERFORMANCE				
		C6348981			AND EXCESS RDS.				
					7/14/66				
					* EACH WEAPON HAS A				
					SCOPE MOUNT				
		P.O.C. SSG DELK							
		3RD BN 1ST SFG(A)							
					(206) 967-8813/8896				

Final Inspection

Sn: C6225174 DATE REC'D: 7/15/96 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: _____

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL # C6225174

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/24/96	RW
600	Proof		7/24/96	RW
607	Check Headspace		7/24/96	RW
610	Dis-assemble Gun		7/24/96	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			
	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			

BARBER - M24 0009993

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			
	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			