

C6225598

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



SM
Smith
^{III}
No. 2-152-5L

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: **RE00052602** Serial: **C6225598** Model: **700** Center Fire Caliber: **7.62-NATO M-24 (SWS)** Repairman: Status: **Closed 9/19/02 2:16:41 PM**

Verify Repair

Address Information

Customer: **A CO** Received From: **A CO** Return To: **A CO**

Address 1: **3/1 SFG (A)** Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

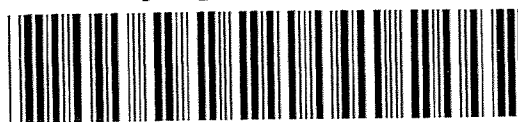
Code	Desc	Qty
A007	With Stud	1
X	FRT & REAR SGT BA	1

Repair Search Refresh Close

raglet 9/19/02 3:23 PM CAFS NUM INS SCFL

Start [Icons] 3:23 PM

Serial Number: **C6225598**
Model: **700**



RE00052602

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

R & E NUMBER	52602		
SERIAL NUMBER	C6225598		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/20/02	RL
560 A	RE-BARREL	9/20/02	DA
B	DRILL AND TAP	9-21-02	AC
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	AC
605	CHECK HEADSPACE	9-25-02	AC
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST	9/27/02	TRW
620	APPLY COATINGS	9/28/02	AC
625 A	FINAL ASSEMBLY	10-5 10/9/02	TRW DA
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-15-02	TRW
655	FINAL INSPECT	10-15-02	RL
660	PACK	10-15-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225598.__0
FILE DATE AND TIME: 10/16/2002 13:42

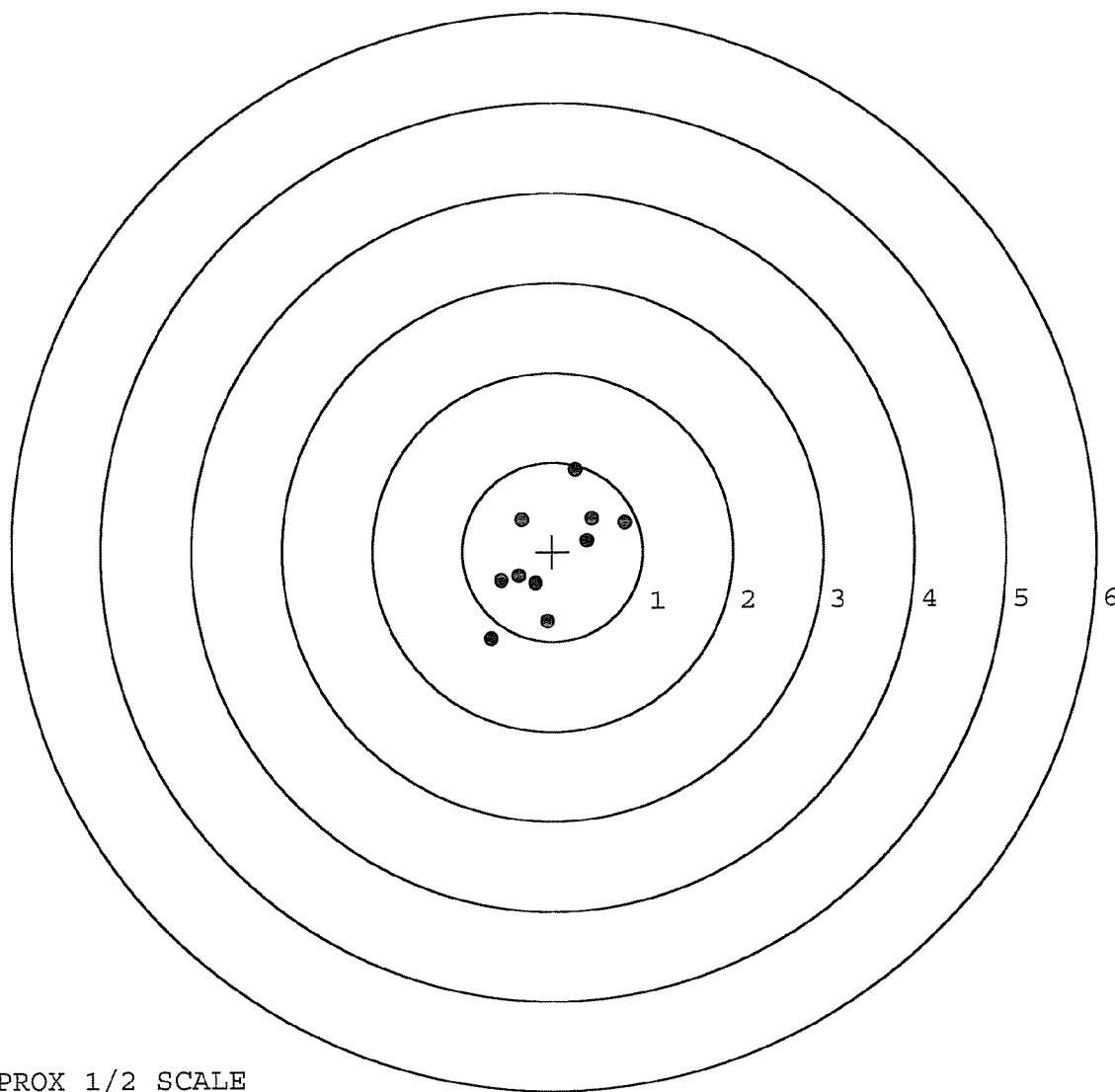
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	-0.104
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.598
The Distance from POA to Centroid Target #1:	0.072
The Distance from Centroid Target #2 to Centroid Target #1:	0.149
The Distance from Centroid Target #3 to Centroid Target #1:	0.046
The Distance from Centroid Target #4 to Centroid Target #1:	0.128
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: C6225598. __0
TARGET NUMBER: 1
FILE DATE: 10/16/2002
FILE TIME: 13:42

X CENTROID: -0.035
Y CENTROID: -0.063
POA TO CENTROID: 0.072
HORZ SPREAD: 1.486
VERT SPREAD: 1.897
GROUP SPREAD: 2.117
MIN RADIUS: 0.334
MAX RADIUS: 1.121
MEAN RADIUS: 0.675
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.059	-0.783
2:	-0.684	-0.977
3:	0.384	0.123
4:	0.434	0.371
5:	0.802	0.326
6:	0.255	0.920
7:	-0.345	0.360
8:	-0.189	-0.359
9:	-0.380	-0.278
10:	-0.569	-0.330

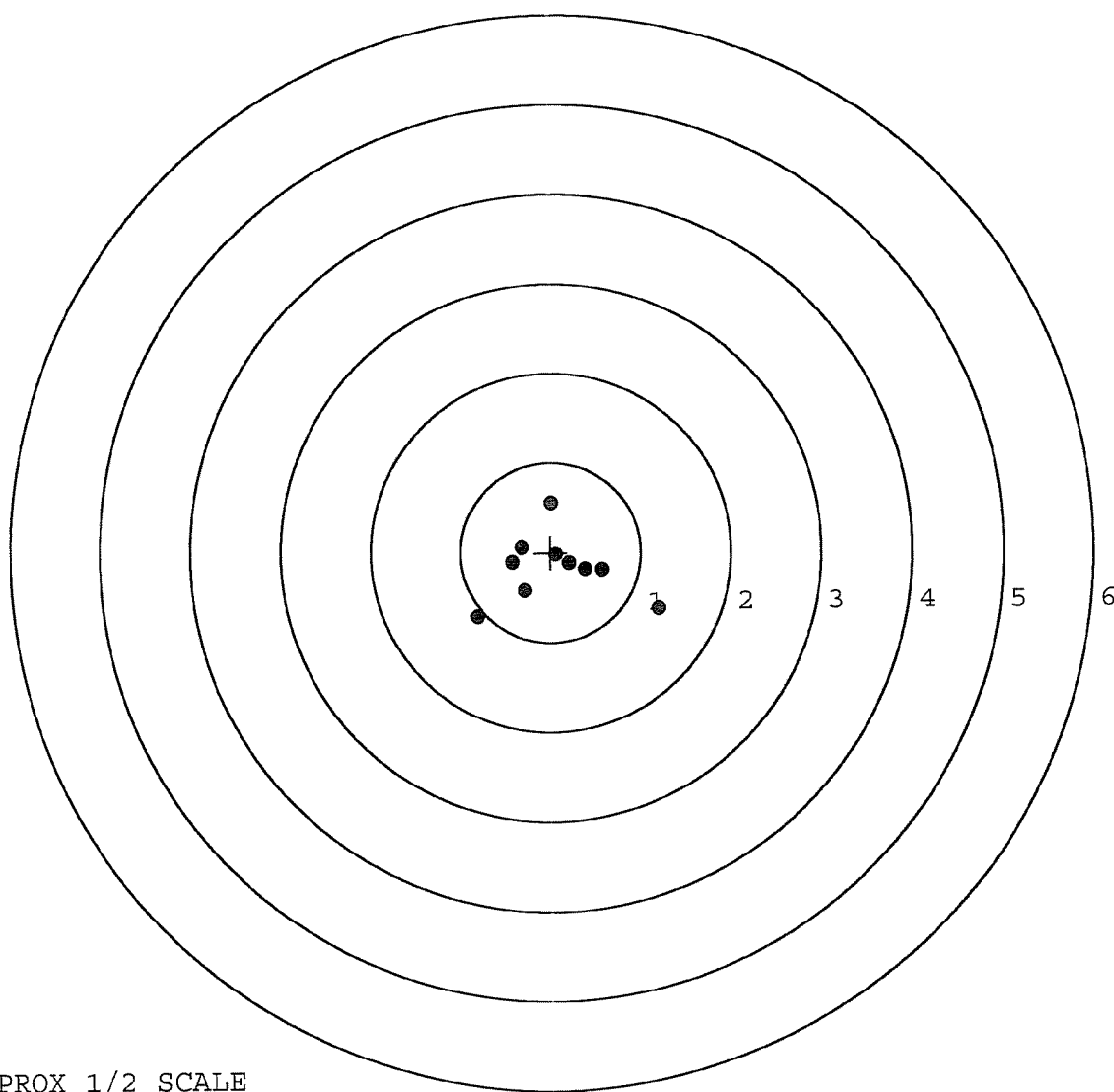


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598.___0
TARGET NUMBER: 2
FILE DATE: 10/16/2002
FILE TIME: 13:42

X CENTROID: 0.056
Y CENTROID: -0.181
POA TO CENTROID: 0.189
HORZ SPREAD: 2.018
VERT SPREAD: 1.264
GROUP SPREAD: 2.020
MIN RADIUS: 0.155
MAX RADIUS: 1.227
MEAN RADIUS: 0.551
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.198	-0.630
2:	-0.820	-0.716
3:	0.011	0.548
4:	0.573	-0.199
5:	0.384	-0.187
6:	0.204	-0.119
7:	0.055	-0.026
8:	-0.325	0.059
9:	-0.428	-0.113
10:	-0.291	-0.427

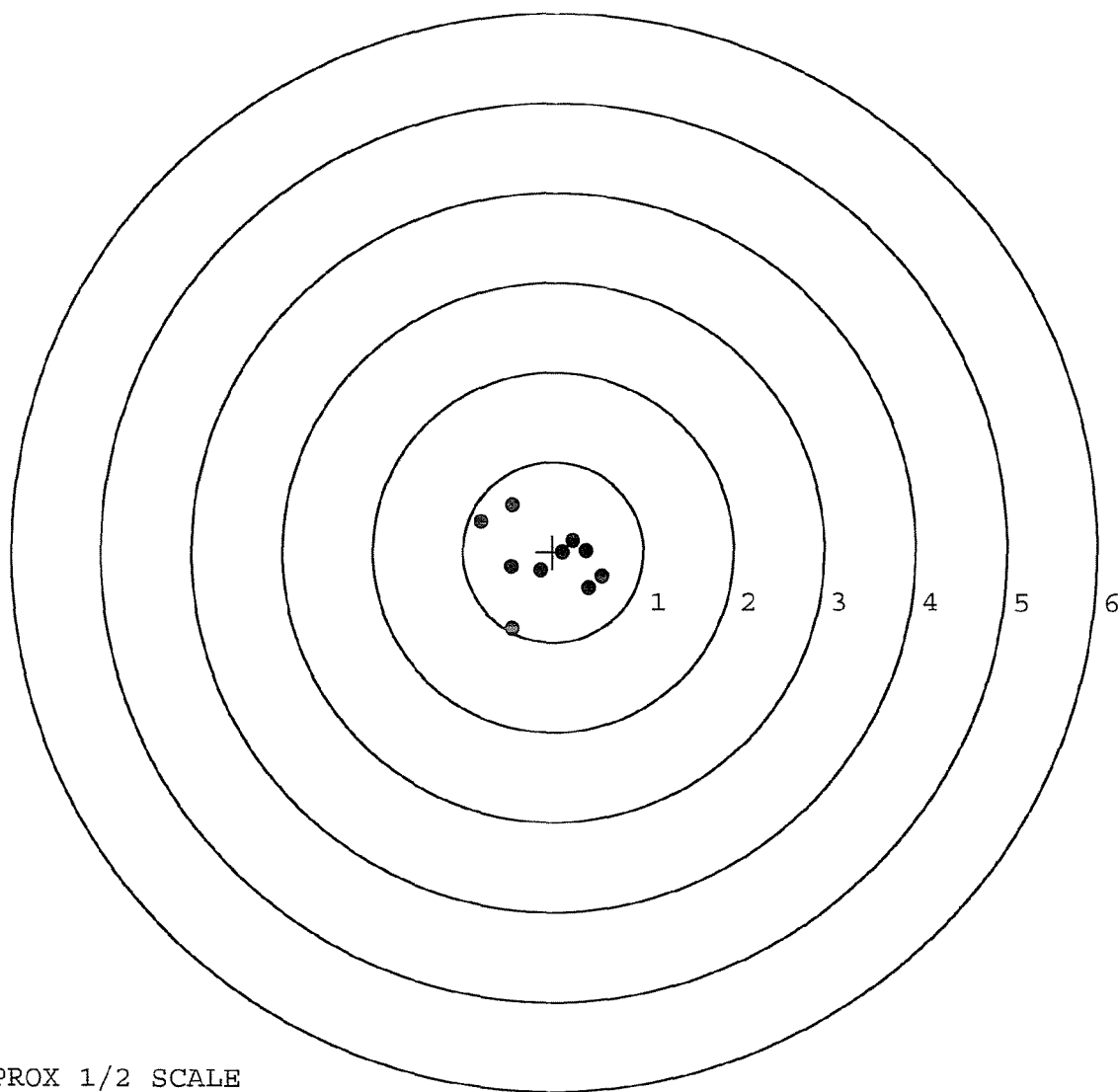


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0
TARGET NUMBER: 3
FILE DATE: 10/16/2002
FILE TIME: 13:42

X CENTROID: -0.066
Y CENTROID: -0.097
POA TO CENTROID: 0.117
HORZ SPREAD: 1.343
VERT SPREAD: 1.376
GROUP SPREAD: 1.376
MIN RADIUS: 0.141
MAX RADIUS: 0.853
MEAN RADIUS: 0.517
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.452	-0.858
2:	-0.460	-0.178
3:	-0.800	0.331
4:	-0.455	0.518
5:	0.543	-0.277
6:	0.399	-0.405
7:	-0.138	-0.218
8:	0.107	-0.012
9:	0.225	0.123
10:	0.371	0.008

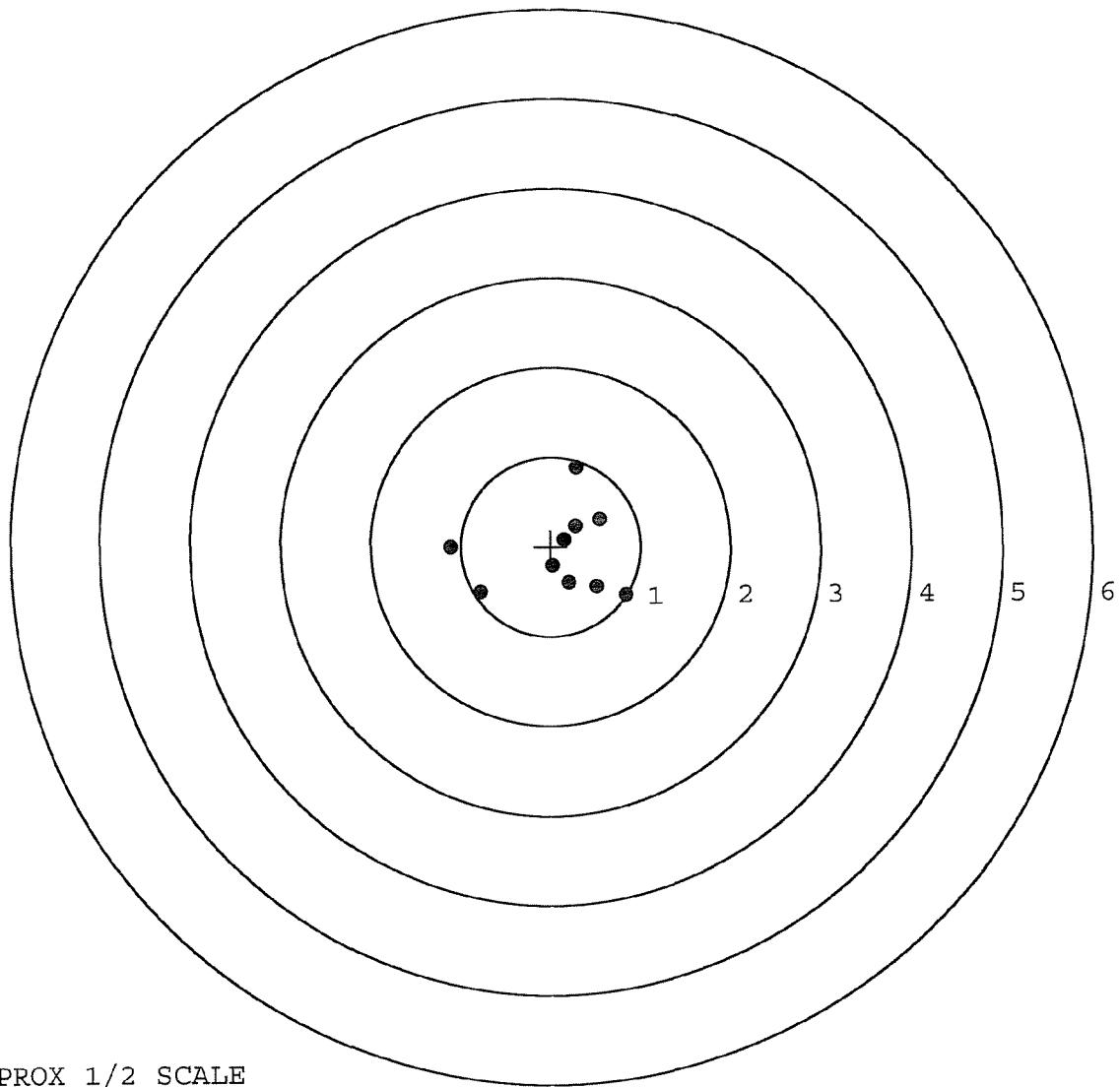


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0
TARGET NUMBER: 4
FILE DATE: 10/16/2002
FILE TIME: 13:42

X CENTROID: 0.093
Y CENTROID: -0.063
POA TO CENTROID: 0.113
HORZ SPREAD: 1.949
VERT SPREAD: 1.428
GROUP SPREAD: 2.021
MIN RADIUS: 0.150
MAX RADIUS: 1.210
MEAN RADIUS: 0.621
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

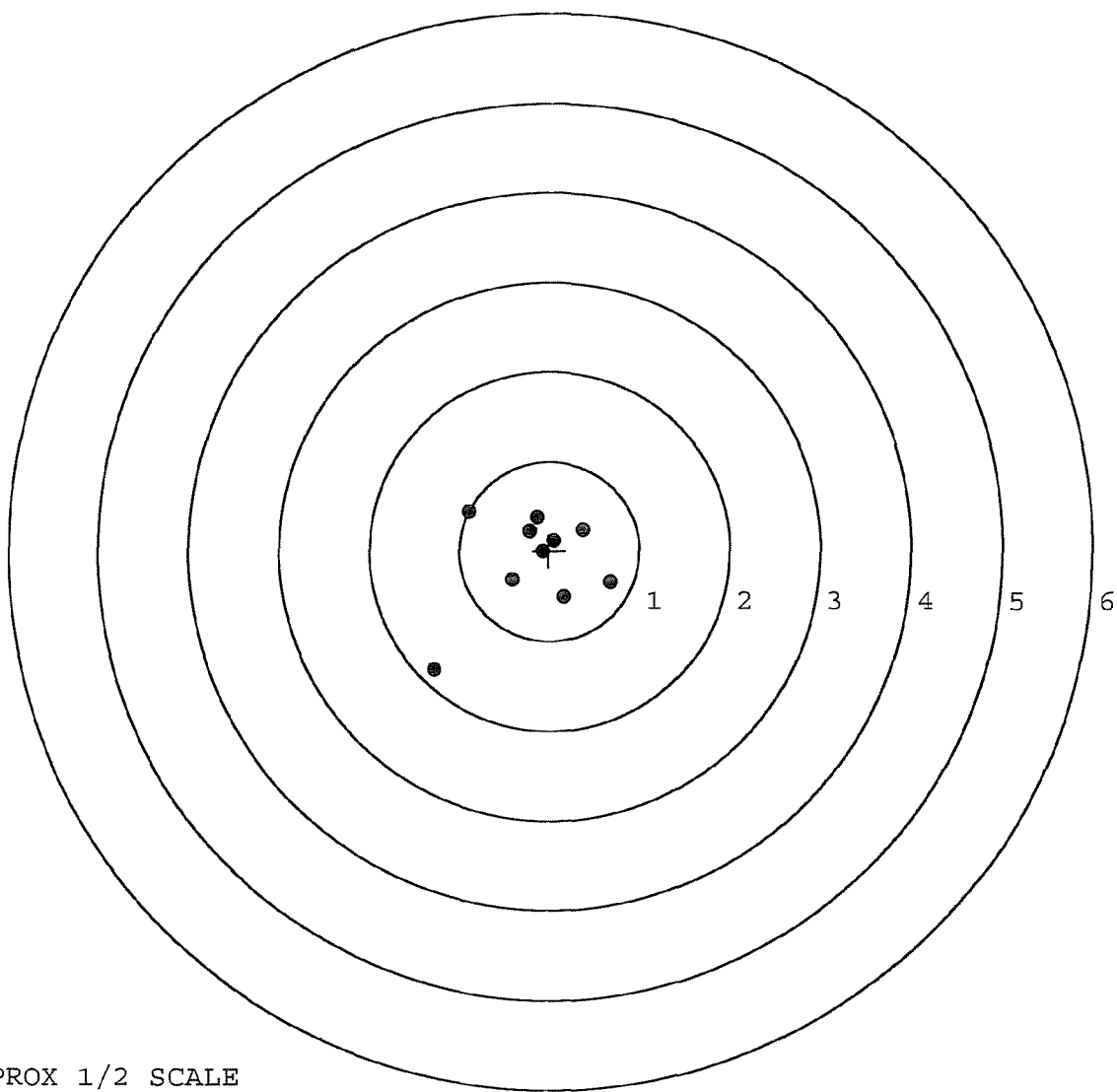
POINT#	X	Y
1:	0.834	-0.544
2:	0.513	-0.447
3:	0.203	-0.402
4:	0.023	-0.215
5:	0.147	0.077
6:	0.281	0.233
7:	0.548	0.300
8:	0.282	0.884
9:	-1.115	-0.009
10:	-0.782	-0.507



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225598. __0
TARGET NUMBER: 5
FILE DATE: 10/16/2002
FILE TIME: 13:42

	POINT#	X	Y
	1:	0.685	-0.353
	2:	0.173	-0.517
	3:	-0.409	-0.327
	4:	-0.899	0.437
X CENTROID:	5:	0.370	0.243
Y CENTROID:	6:	-0.143	0.375
POA TO CENTROID:	7:	-0.225	0.224
HORZ SPREAD:	8:	-0.068	-0.010
VERT SPREAD:	9:	0.057	0.115
GROUP SPREAD:	10:	-1.271	-1.334
MIN RADIUS:		0.148	
MAX RADIUS:		1.641	
MEAN RADIUS:		0.625	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		9	



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6225598

DATE REC'D: 9/19/62

DATE RET'D: 10/15/62

EDITOR: RL

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
☐ INON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION
☐ SET

Comments: _____

CONTRACT # DAAA21-87-C-0086

INTERCHANGEABILITY

GUN SERIAL # C6225598

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	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	LS
617	Drill and Tap Sight Holes		4 27 89	LB
618	Polish Barrel RB		4 27 89	BT
620	Apply Coatings (Barrel Action)		5/8/89	TS
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/10/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/10/89	RW
	C) Inspect Ejector Hole for Chamfer		5/10/89	RW
	D) Oil Firing Pin Ass'y		5/10/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/12/89	WB

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5	5	5	5/12/89	JH		
	G) Safety Off Force	3	3	3	5/12/89	JH		
	H) Trigger Pull Test & Retainability				5/12/89	WB		
	I) Firing Pin Indent	.021	.020	.205	5/12/89	JH		
	J) Assemble Stock				5/15/89	RW		
	K) Assemble Swivel Studs				16 May 89	JS		
	L) Attach Front and Rear Sight Assemblies				5/15/89	RW		
	M) Iron Sight Alignment				5/15/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				5/15/89	RW		
	O) Attach Scope to Rifle				5/15/89	JH		
	P) Detach & Attach Scope 20 Times				5/15/89	JH		
640	Gallery Target & Test	50 R	104 L	5/15/89	DH			
	A) Time			5/15/89	DH			
	B) Malfunctions			5/15/89	DH			
	C) Pierced Primers			5/15/89	DH			
	D) Optical Clarity of Scope			5/15/89	DH			
645	Inspect for Live Ammo			5/15/89	DH			
655	Final Inspection							
	A) Headspace				16 May 89	JS		
	B) Trigger Pull	2.29	2.34	2.36	2.47	2.36	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack				27 June 89	JS		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 422833

DATE 3/28/90

TESTER 174

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.52	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.42	2.38	
PULL #3	2.48	2.40	2.44	
PULL #4	2.46	2.37	2.37	
PULL #5	2.47	2.35	2.34	
TOTAL	12.32	12.06	12.05	
AVG.	2.46	2.41	2.41	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.26	3.35	
PULL #2	3.29	3.29	
PULL #3	3.29	3.36	
PULL #4	3.29	3.28	
PULL #5	3.32	3.34	
TOTAL	16.45	16.62	
AVG.	3.29	3.32	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.47		
PULL #2	4.33	4.51		
PULL #3	4.35	4.35		
PULL #4	4.39	4.43		
PULL #5	4.39	4.34		
TOTAL	21.76	22.10		
AVG.	4.35	4.42		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225598
16 May 1989

CENTROIDAL DISTANCES

0 TO 1	.568595
1 TO 2	.651356
1 TO 3	.769353
1 TO 4	.391625
1 TO 5	.413513

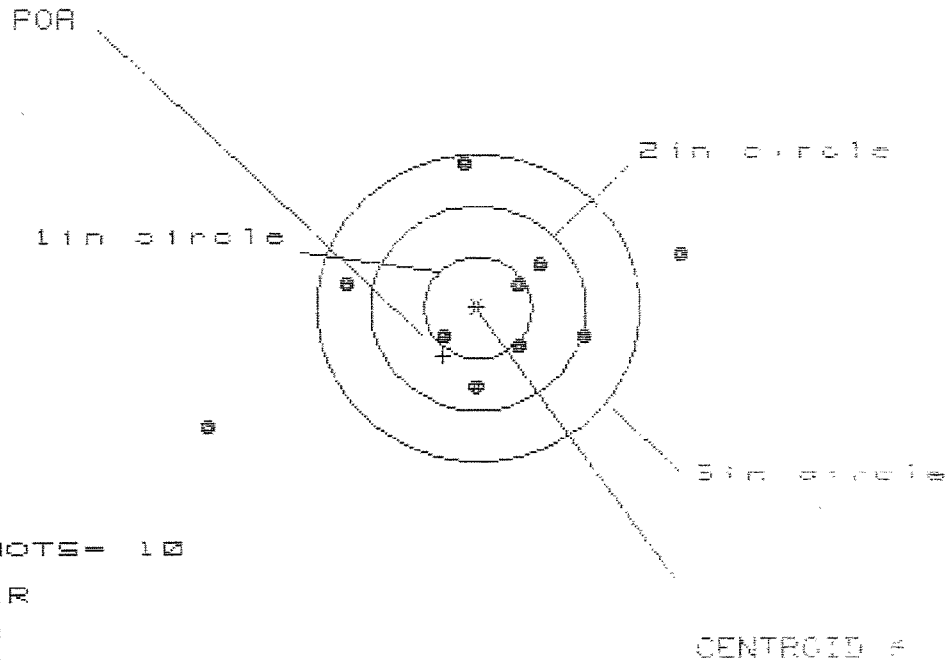
σ_1^2
+ σ_2^2 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2376
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .507284
THE AMR FOR THIS RIFLE IS: .9178

15 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8225586

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 4.394

VS= 2.637

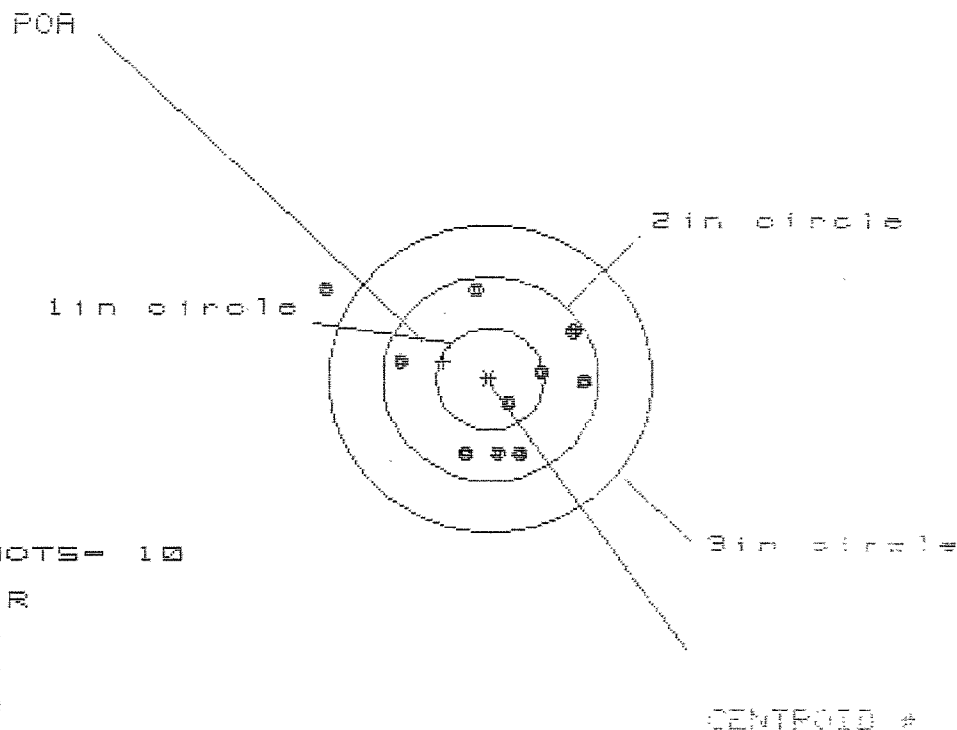
GS= 4.736

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.861	1.579	.943
MINIMUM X	:	-2.533	-1.547	-1.249
MAXIMUM Y	:	1.429	1.295	1.348
MINIMUM Y	:	-1.208	-.915	-.862
CENTROID X	:	.320	.602	.404
CENTROID Y	:	.470	.604	.551
POA TO CENTROID in.	:	.569	.853	.684
MIN RADIUS	:	.366	.088	.288
MEAN RADIUS	:	1.136	.897	.618
MAX RADIUS	:	2.806	1.636	1.364
HORIZONTAL SPREAD	:	4.394	3.126	2.292
VERTICAL SPREAD	:	2.637	2.210	2.210
EXTREME SPREAD	:	4.736	3.143	2.338
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8223588

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 2

2in = 9

3in = 9

HS = 2.433

VS = 1.598

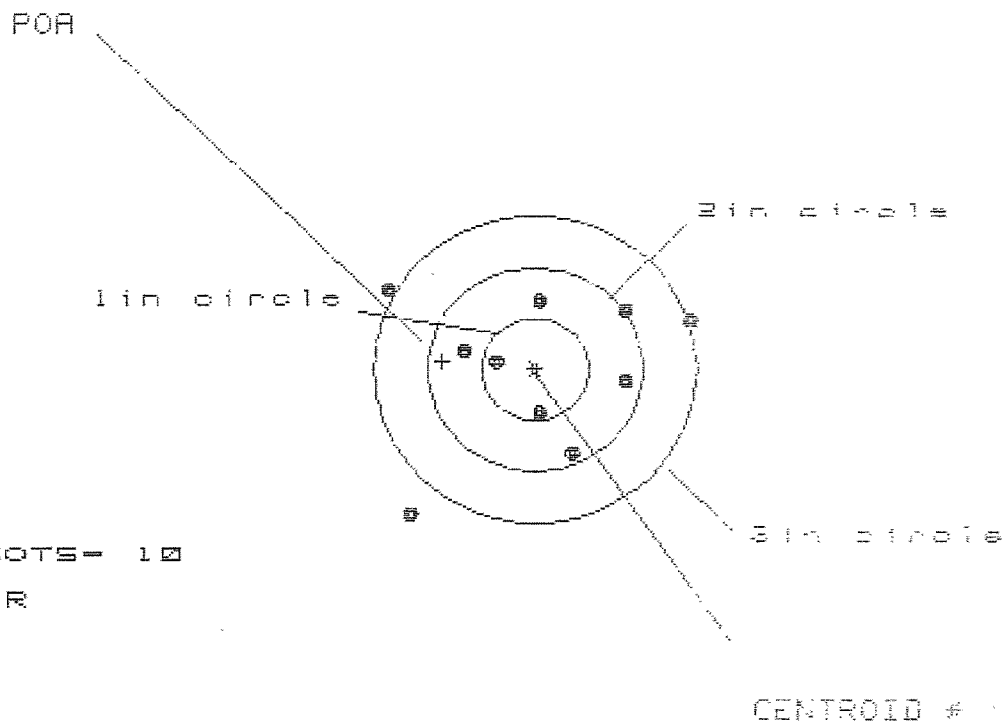
GS = 2.585

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.899	.728	.808
MINIMUM X	:	-1.534	-.952	-.872
MAXIMUM Y	:	.877	.971	1.045
MINIMUM Y	:	-.721	-.627	-.553
CENTROID X	:	.430	.601	.521
CENTROID Y	:	-.172	-.266	-.340
FOR TO CENTROID in.	:	.463	.657	.622
MIN RADIUS	:	.312	.153	.128
MEAN RADIUS	:	.823	.670	.635
MAX RADIUS	:	1.748	1.018	1.070
HORIZONTAL SPREAD	:	2.433	1.680	1.680
VERTICAL SPREAD	:	1.598	1.598	1.598
EXTREME SPREAD	:	2.585	1.688	1.688
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225596

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 7

HS= 2.825

VS= 2.174

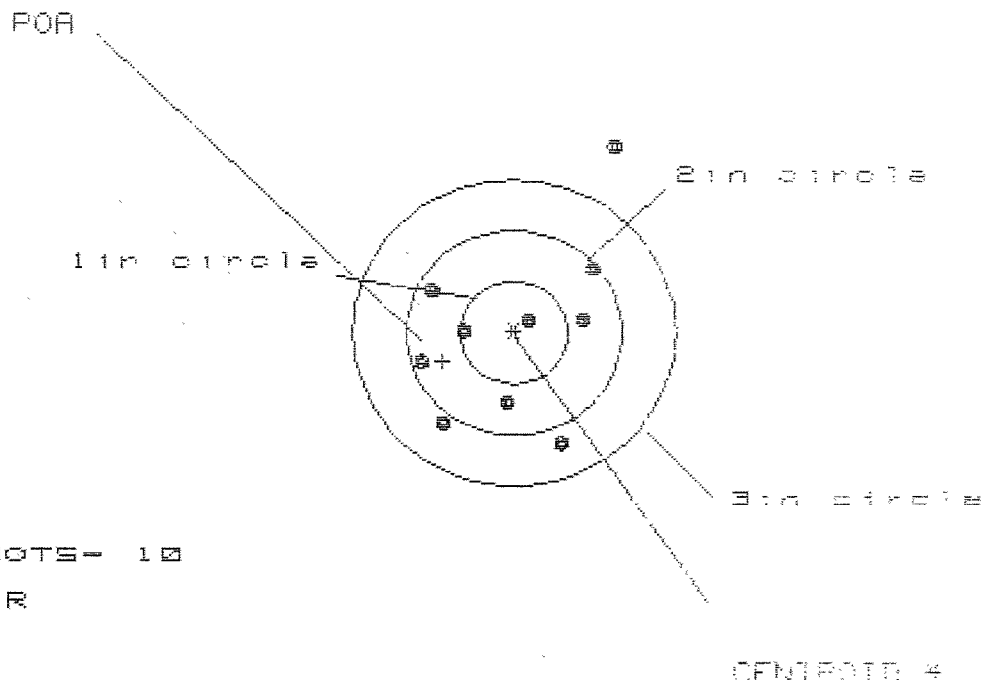
GS= 3.185

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.457	1.332	1.145
MINIMUM X	:	-1.368	-1.493	-1.018
MAXIMUM Y	:	.778	.623	.588
MINIMUM Y	:	-1.396	-.953	-.876
CENTROID X	:	.860	.985	1.172
CENTROID Y	:	-.078	.077	-.000
POA TO CENTROID in.	:	.863	.988	1.172
MIN RADIUS	:	.343	.471	.518
MEAN RADIUS	:	.979	.884	.783
MAX RADIUS	:	1.797	1.618	1.287
HORIZONTAL SPREAD	:	2.825	2.825	2.163
VERTICAL SPREAD	:	2.174	1.576	1.464
EXTREME SPREAD	:	3.185	2.843	2.180
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225558

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.827

VS= 2.964

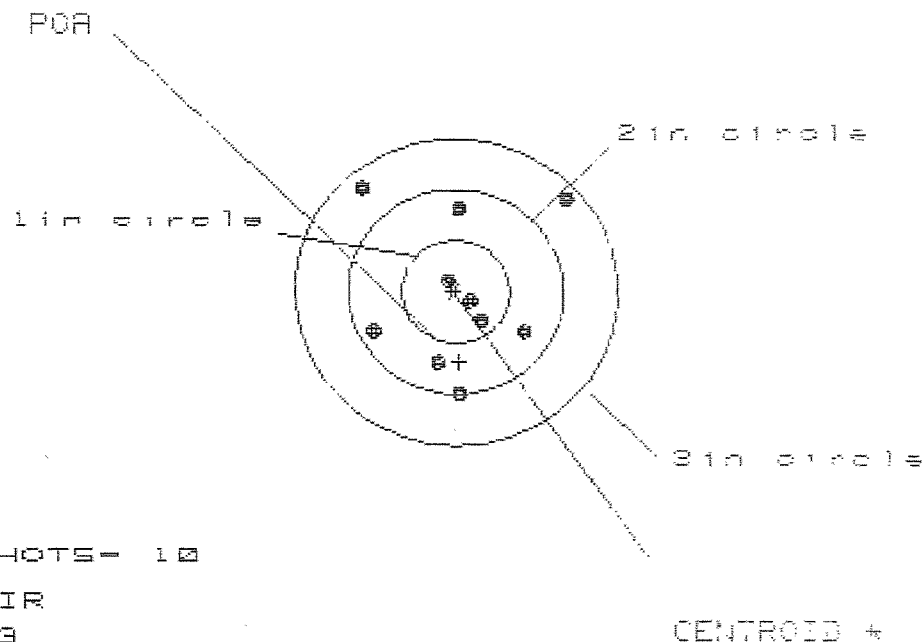
GS= 3.196

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.928	.870	.932
MINIMUM X	-.899	-.796	-.704
MAXIMUM Y	1.853	.794	.681
MINIMUM Y	-1.111	-.906	-.820
CENTROID X	.663	.560	.498
CENTROID Y	.281	.076	.189
POA TO CENTROID in.	.720	.565	.532
MIN RADIUS	.136	.355	.315
MEAN RADIUS	.907	.762	.713
MAX RADIUS	2.072	1.178	1.155
HORIZONTAL SPREAD	1.827	1.666	1.666
VERTICAL SPREAD	2.964	1.700	1.501
EXTREME SPREAD	3.196	2.081	2.081
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C9225598

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.940

VS= 1.997

GS= 2.230

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.925	.625
MINIMUM X	-.913	-.903	-.787
MAXIMUM Y	.990	.974	1.037
MINIMUM Y	-1.007	-.897	-.773
CENTROID X	-.032	.070	-.046
CENTROID Y	.687	.577	.455
POA TO CENTROID in.	.688	.581	.458
MIN RADIUS	.131	.020	.162
MEAN RADIUS	.744	.649	.565
MAX RADIUS	1.347	1.343	1.037
HORIZONTAL SPREAD	1.940	1.828	1.412
VERTICAL SPREAD	1.997	1.871	1.812
EXTREME SPREAD	2.230	2.190	1.913
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06223598
13 Jun 1989

INTERCHANGEABILITY

CENTROIDAL DISTANCES

0 TO	1	.716501
1 TO	2	.619284
1 TO	3	.472451
1 TO	4	.626677
1 TO	5	.622693

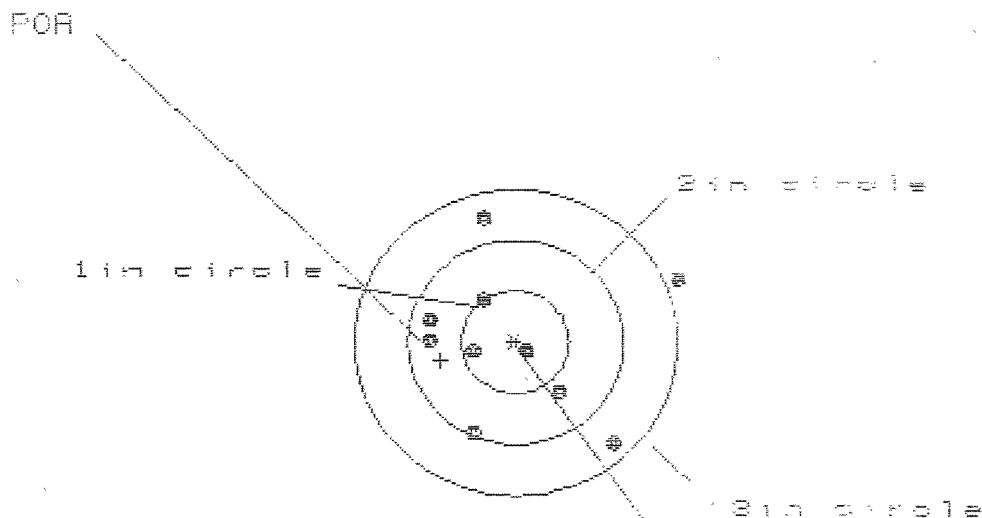
2
1 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .352393
THE AMR FOR THIS RIFLE IS: .7598

5 Jun 1985

FILE:/PATTERNING/CENTERFIRE_PATT/05225586.1

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.298

VS= 2.126

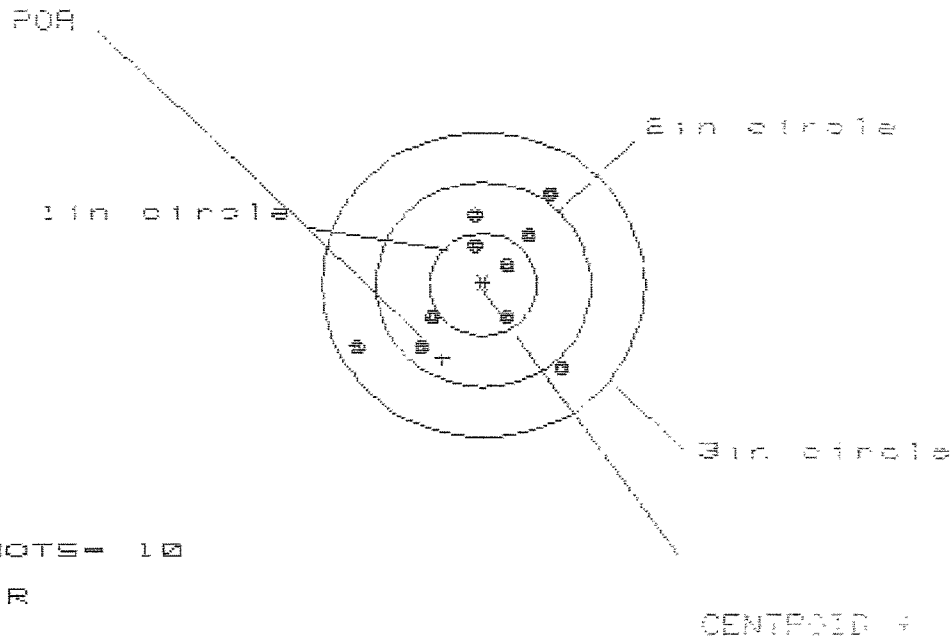
GS= 2.435

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.476	1.078	.732
MINIMUM X	-.822	-.658	-.524
MAXIMUM Y	1.184	1.250	1.140
MINIMUM Y	-.942	-.876	-.964
CENTROID X	.693	.529	.395
CENTROID Y	.182	.116	.226
POA TO CENTROID in.	.717	.542	.454
MIN RADIUS	.116	.211	.108
MEAN RADIUS	.837	.727	.614
MAX RADIUS	1.590	1.389	1.141
HORIZONTAL SPREAD	2.298	1.736	1.256
VERTICAL SPREAD	2.126	2.126	2.104
EXTREME SPREAD	2.435	2.435	2.106
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

5 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225558.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.897

VS= 1.626

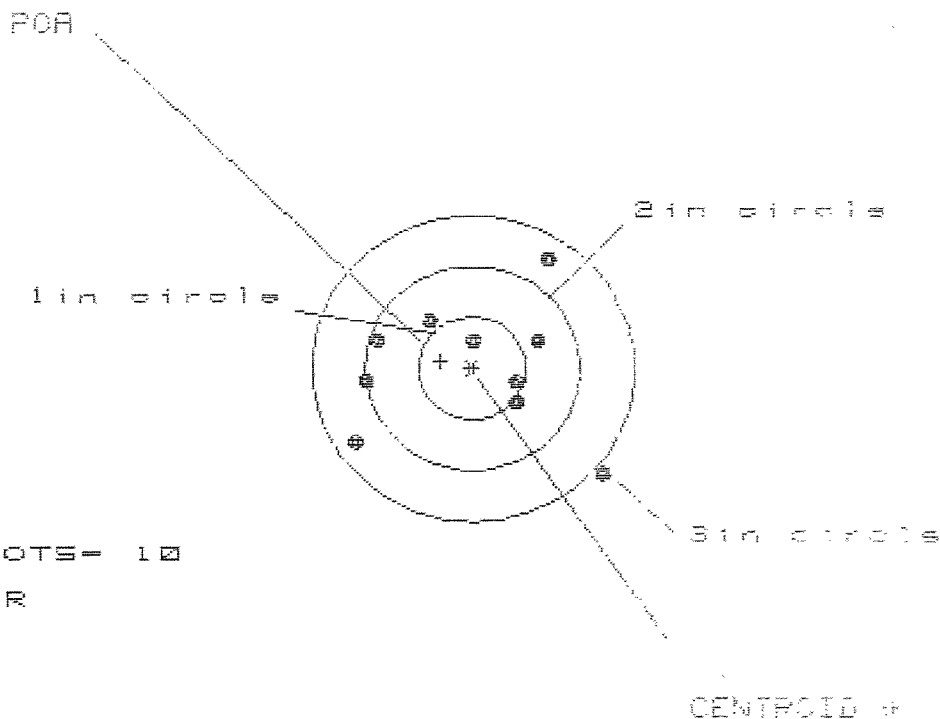
GS= 2.342

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.733	.604	.668
MINIMUM X	:	-1.164	-.713	-.649
MAXIMUM Y	:	.854	.783	.751
MINIMUM Y	:	-.772	-.843	-.745
CENTROID X	:	.376	.505	.441
CENTROID Y	:	.714	.785	.687
POA TO CENTROID in.	:	.807	.933	.816
MIN RADIUS	:	.324	.180	.296
MEAN RADIUS	:	.738	.648	.619
MAX RADIUS	:	1.328	1.037	1.000
HORIZONTAL SPREAD	:	1.897	1.317	1.217
VERTICAL SPREAD	:	1.626	1.626	1.496
EXTREME SPREAD	:	2.342	1.947	1.682
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

9 JUL 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225588.1

CENTERFIRE PATTERNS # 3



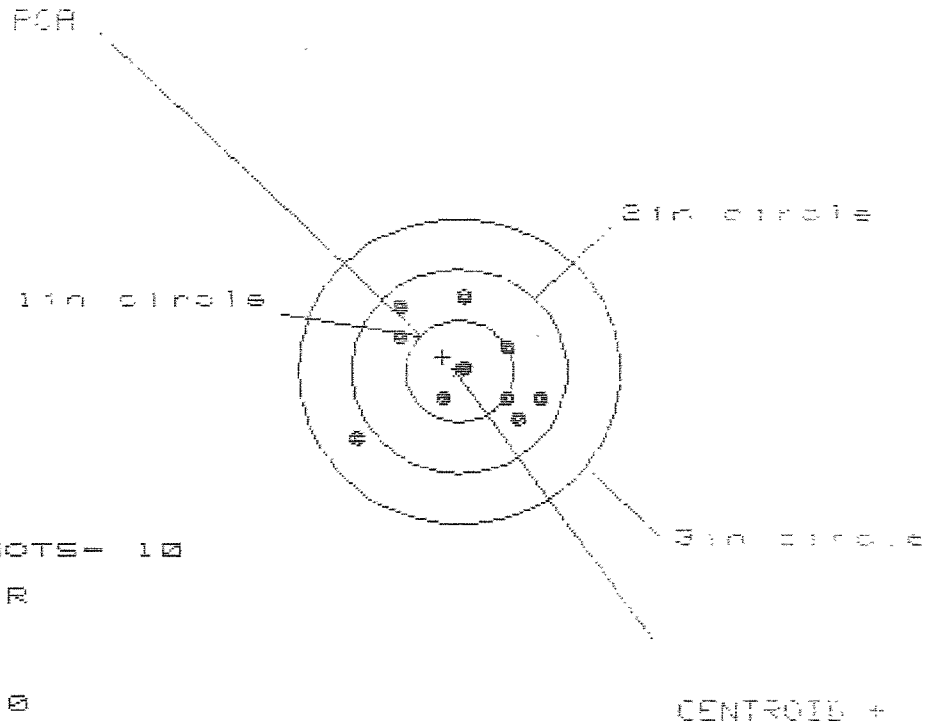
OF SHOTS= 10
IN CIR
1 in = 2
2 in = 6
3 in = 9
HS= 2.283
VS= 2.155
GS= 2.496

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.232	.809	.823
MINIMUM X	-1.051	-.914	-.813
MAXIMUM Y	1.111	.995	.510
MINIMUM Y	-1.044	-.811	-.687
CENTROID X	.294	.157	.056
CENTROID Y	-.071	.045	-.079
POA TO CENTROID in.	.302	.163	.097
MIN RADIUS	.223	.154	.314
MEAN RADIUS	.855	.756	.702
MAX RADIUS	1.615	1.282	1.064
HORIZONTAL SPREAD	2.283	1.723	1.636
VERTICAL SPREAD	2.155	1.806	1.197
EXTREME SPREAD	2.496	2.496	1.895
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

9 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/G9225598.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

IR= 1.510

VS= 1.344

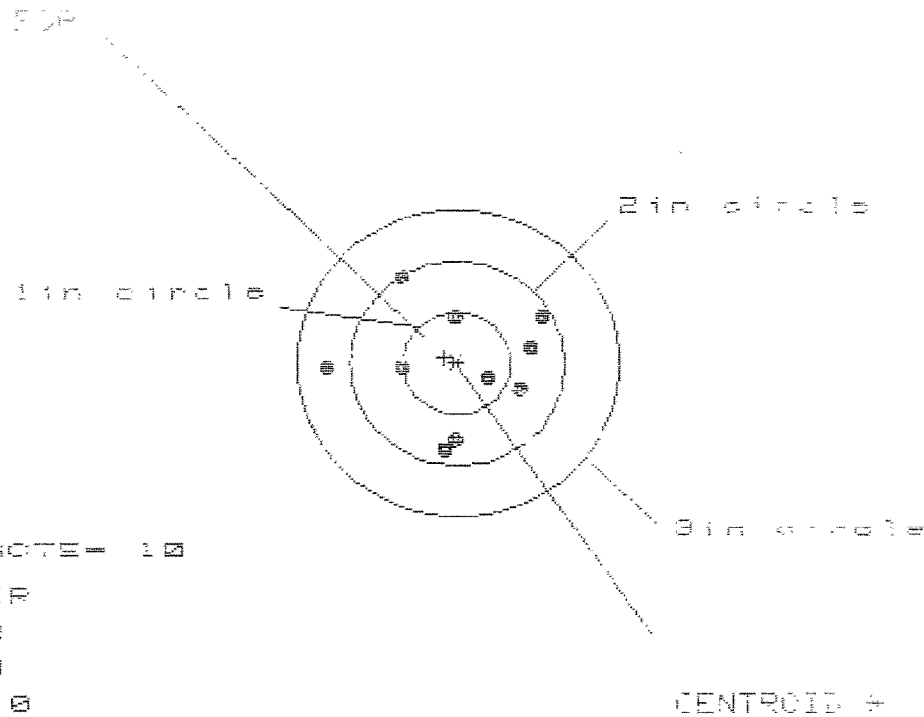
GS= 1.663

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.703	.602	.519
MINIMUM X	:	-.907	-.664	-.732
MAXIMUM Y	:	.704	.633	.705
MINIMUM Y	:	-.640	-.563	-.491
CENTROID X	:	.153	.254	.337
CENTROID Y	:	-.136	-.065	-.137
POA TO CENTROID in.	:	.205	.262	.364
MIN RADIUS	:	.100	.029	.155
MEAN RADIUS	:	.626	.554	.503
MAX RADIUS	:	1.110	.893	.789
HORIZONTAL SPREAD	:	1.610	1.266	1.251
VERTICAL SPREAD	:	1.344	1.196	1.196
EXTREME SPREAD	:	1.663	1.578	1.354
NUMBER IN ONE INCH CIRCLE =	:		3	
NUMBER IN TWO INCH CIRCLE =	:		9	
NUMBER IN THREE INCH CIRCLE =	:		10	

PAGE 02

FILE:/PATTERNING/CENTERFIRE_PATT/08223598 :

CENTERFIRE PATTERNS # 5



OF SHOTS = 10
 # IN CIR
 1in = 2
 2in = 8
 3in = 10
 ME = 1.940
 VO = 1.682
 GO = 1.998

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.732	.598	.511
MINIMUM X	-1.208	-.695	-.713
MAXIMUM Y	.863	.862	.607
MINIMUM Y	-.819	-.820	-.712
CENTROID X	.118	.252	.339
CENTROID Y	-.057	-.056	-.154
POA TO CENTROID in.	.131	.258	.377
MIN RADIUS	.319	.201	.075
MEAN RADIUS	.743	.669	.588
MAX RADIUS	1.208	1.108	.795
HORIZONTAL SPREAD	1.940	1.293	1.221
VERTICAL SPREAD	1.682	1.682	1.319
EXTREME SPREAD	1.998	1.741	1.542
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

Remington[®]

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

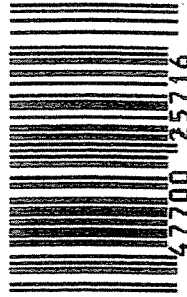
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM M24	SERIAL NO. C6225598
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.	ORDER NO. 5716



5716 C6225598

UPC



0 47700 25716 7

SWS TRIGGER PULL TEST

Remington
C 622 5598

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

SERIAL NO. C 622 5598

DATE 11-2-98

TESTER KF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.35	2.12		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.07	2.12	2.24		
PULL #3	2.03	2.12	2.20		
PULL #4	2.03	2.04	2.23		
PULL #5	2.12	2.05	2.14		
TOTAL	10.53	10.58	10.99		
AVG.	2.10	2.11	2.19		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.43		
PULL #2	3.07	3.42		
PULL #3	3.07	3.39		
PULL #4	3.13	3.39		
PULL #5	3.04	3.28		
TOTAL	15.61	16.91		
AVG.	3.12	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.36		4.22
PULL #2	4.25	4.30		4.18
PULL #3	4.25	4.19		4.21
PULL #4	4.26	4.10		4.12
PULL #5	4.26	4.16		4.17
TOTAL	21.28	21.11		20.90
AVG.	4.25	4.22		4.18

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-06331

INITIAL FPS	CUSTOMER ORDER NO.	M24 SNIPER L/1 STD				
DATE RECEIVED 02/26/96	DATE OPENED 02/26/96	DATE CODE DJ 7-89	SERIAL NUMBER C6225598	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		SCOPE BASE				

FROM:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

SHIP TO:

DEPT. OF THE ARMY
A CO. 3RD BATT. 1ST SP. FORCES
BLDG 9177, BOX 339502
FT LEWIS WA 98433

CUST NO: 138744 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED	TOTAL				

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE		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	COMMENTS					
Barrel - 96003	Re Powder Coat - Trigger					
Stock - 96018	Guard Assy, Front & Rear					
	Sight Bases					
	Re Zinc Scope Base & Swivel					
	Stands					
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	RW	✓	✓	✓	✓	✓
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
	AR	3/20/96	4/2/96	4/2/96	4/2/96	4/2/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400052197



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

DEPARTMENT OF THE ARMY

A CO. 3RD BATTALION 1ST SPECIAL FORCES
Bldg 7177 Box 330502
FT. LEWIS, WA 98433-9502

OFFICIAL BUSINESS

346

REMINGTON ARMS CO., INC.
ATTN: FABRICATED PRODUCTS DEPT.
14 HOFFER AVE.
LION, NY 13357-1816

CLASSIFIED DOCUMENT ACCOUNTABILITY RECORD						DATE
For use of this form, see AR 380-5; the proponent agency is the Office, Assistant Chief of Staff for Intelligence.						22 Feb 96
SECTION A - GENERAL						
TO: REMINGTON ARMS CO., INC. ATTN: FABRICATED PRODUCTS DEPT. 14 HOEFLER AVE. LION, NY 13357-1816				FROM: A COMPANY, 3RD BATT., 1ST SPECIAL FORCES GROUP FORT LEWIS, WA 98433		
DATE RECEIVED		ACTION OFFICE(S)		SUSPENSE DATE		REGISTER OR CONTROL NO.
CONTROL LOG OR FILE NO.	CLASSIFI- CATION	NUMBER OF COPIES	DESCRIPTION (Type, P & R or Short Title and N	Unclassified Subject of Indorsements/Incls)	DATE OF DOCUMENT	ORIGINATOR
1		2	M24 7.62 SNH RIFLE W/SCOPE MOUNTS - 2 EA, 4 SERIAL # C6348740, C6225598		22 FEB 96	M. Deins
SECTION B - ROUTING						
TO			COPY NO.	DATE	I ACKNOWLEDGE RECEIPT OF THE MATERIAL DESCRIBED HEREON	
					PRINTED NAME	SIGNATURE
1.						
2.						
3.						
4.						
5.						
SECTION C - DESTRUCTION CERTIFICATE (Check appropriate block)						
MATERIAL DESCRIBED HEREON HAS BEEN:						PAGE OR COPY NO.
☐ DESTROYED						☐ TORN IN HALF AND PLACED IN A CLASSIFIED WASTE CONTAINER (AR 380-5)
OFFICE SYMBOL	DATE	PRINTED NAME OF CUSTODIAN OR REP			SIGNATURE	
DESTRUCTION RECORD NO.	DATE	PRINTED NAME OF CERTIFYING/DESTR. OFF.			SIGNATURE	
PAGE OR COPY NUMBER	DATE	PRINTED NAME OF WITNESSING OFFIC			SIGNATURE	
SECTION D - REPRODUCTION ACTION						
NUMBER OF COPIES TO BE REPRODUCED			AUTHORIZED BY			DATE
SECTION E - RECEIPT/TRACER ACTION (Check appropriate block)						
☐ RECEIPT OF DOCUMENT(S) ACKNOWLEDGED						☐ DOCUMENT(S) HAVE NOT BEEN RECEIVED
☐ TRACER ACTION: SIGNED RECEIPT FOR MATERIAL DESCRIBED ABOVE HAS NOT BEEN RECEIVED.						
DATE	PRINTED NAME, GRADE OR TITLE				SIGNATURE	
COMMENTS						

DA FORM 3964, 1 Jul 79

EDITION OF 1 NOV 72 IS OBSOLETE.

*U.S. GPO: 1989-246-477

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		2. NOMENCLATURE AND MODEL							
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	
SSG HAZEN, DONALD								10. MANHOURS REQUIRED	
Donald C Hazen III									
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS			CORRECTIVE ACTION			INITIAL WHEN CORRECTED	
a	b	c			d			e	
1		C 6225412			Excess of				
2		C 6349192			10,000 RD/GUN				
3		C 6225398			Each needs rebarreling				
4		C 6348832			T1 Triggers/stocks				
5		C 6225201							
6		C 6225108			Weapon were shot				
7		C 6348740			in sniper course				
8		C 6225598			They Notified us of				
9		C 6348817			the need for rebarreling				
10		C 6225376			do to Excess rounds				
11		C 6348872			And poor Shot Performance				
		Each weapon has scope mount							
		POC. SSG HAZEN,							
		3 Bat 1st S.F. Group							
		206-967-8813							

New Barrel;
Stock

GUN SERIAL

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	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		4/1/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/1/96	RW
	C) Inspect Ejector Hole for Chamfer		4/1/96	RW
	D) Oil Firing Pin Ass'y		4/1/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock		4/1/96	RW
	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		4/2/96	RAC
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/2/96	RAC
655	Final Inspection		4/4/96	RW
	A) Headspace			
	B) Trigger Pull			
	C) Function		4/4/96	RW
660	Pack			

Final Inspection

S.N. C6225598

DATE REC'D: 2/26/96

DATE RET'D:

AUDITOR: AR

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 # 06225598
5 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.667281
1 TO	2	.570223
1 TO	3	.386219
1 TO	4	.154208
1 TO	5	.291002

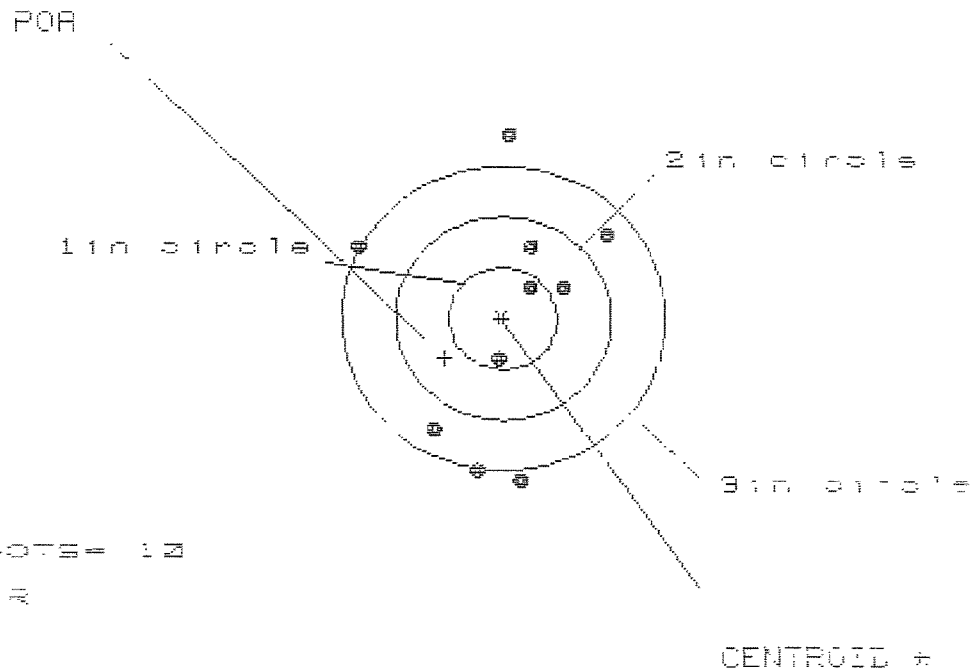
$\frac{54}{72}$: ----POR

THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004
THE RIFLE COORDINATE FOR THIS RIFLE IS: .0004

5 Feb 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6225598

CENTERFIRE PATTERNS # 1



* OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

ME = 3.322

VE = 3.407

SE = 3.408

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.959	.967	.984
MINIMUM X	-1.361	-1.353	-1.336
MAXIMUM Y	1.786	1.021	.843
MINIMUM Y	-1.621	-1.422	-1.440
CENTROID X	.540	.532	.515
CENTROID Y	.392	.193	.371
POR TO CENTROID in.	.667	.566	.634
MIN RADIUS	.382	.191	.361
MEAN RADIUS	1.115	1.034	.972
MAX RADIUS	1.788	1.609	1.504
HORIZONTAL SPREAD	2.320	2.320	2.320
VERTICAL SPREAD	3.407	2.443	2.283
EXTREME SPREAD	3.408	2.736	2.567
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

5 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225598

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

XB = 3.572

YB = 2.604

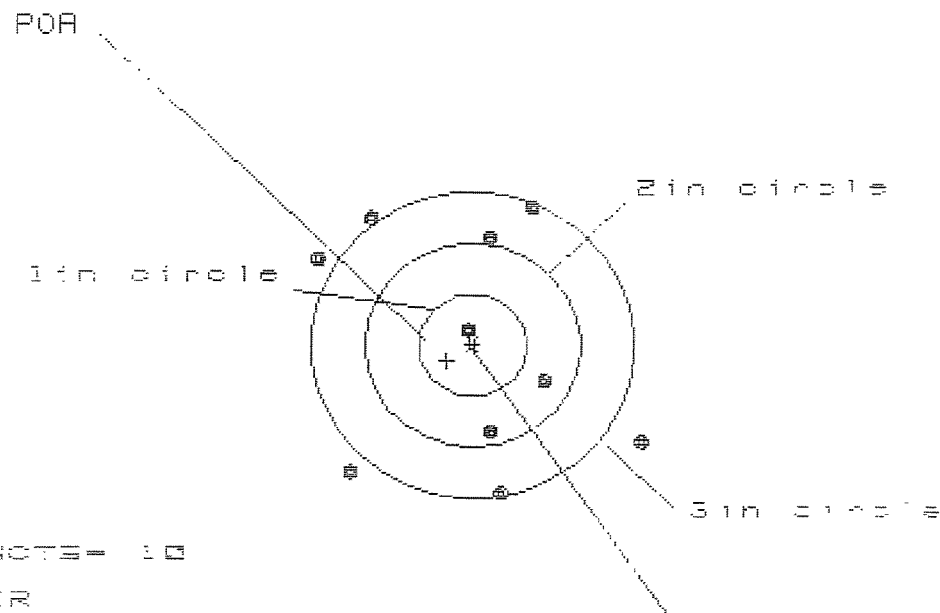
GB = 3.572

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.941	1.257	1.336
MINIMUM X	:	-1.631	-1.416	-1.337
MAXIMUM Y	:	1.776	1.733	.901
MINIMUM Y	:	-.828	-.871	-.655
CENTROID X	:	.463	.248	.169
CENTROID Y	:	-.173	-.130	-.346
POA TO CENTROID in.	:	.495	.280	.386
MIN RADIUS	:	.253	.338	.119
MEAN RADIUS	:	1.092	.976	.812
MAX RADIUS	:	1.979	1.843	1.391
HORIZONTAL SPREAD	:	3.572	2.673	2.673
VERTICAL SPREAD	:	2.604	2.604	1.556
EXTREME SPREAD	:	3.572	2.673	2.715
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Feb 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6225598

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 5

ME = 0.040

MS = 0.780

ES = 0.352

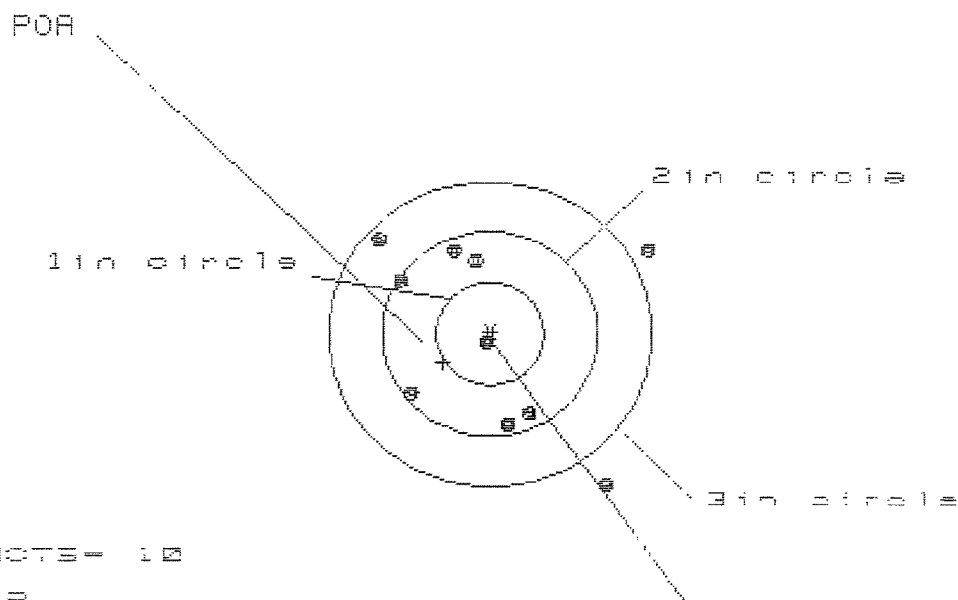
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.594	.848	.688
MINIMUM X	:	-1.452	-1.275	-1.096
MAXIMUM Y	:	1.379	1.275	1.374
MINIMUM Y	:	-1.411	-1.515	-1.416
CENTROID X	:	.239	.062	.222
CENTROID Y	:	.150	.254	.155
POA TO CENTROID in.	:	.283	.261	.271
MIN RADIUS	:	.147	.172	.142
MEAN RADIUS	:	1.246	1.183	1.114
MAX RADIUS	:	1.847	1.623	1.645
HORIZONTAL SPREAD	:	3.046	2.123	1.784
VERTICAL SPREAD	:	2.790	2.790	2.790
EXTREME SPREAD	:	3.552	3.118	3.118
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

5 Feb 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C8225598

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 2

AS = 2.518

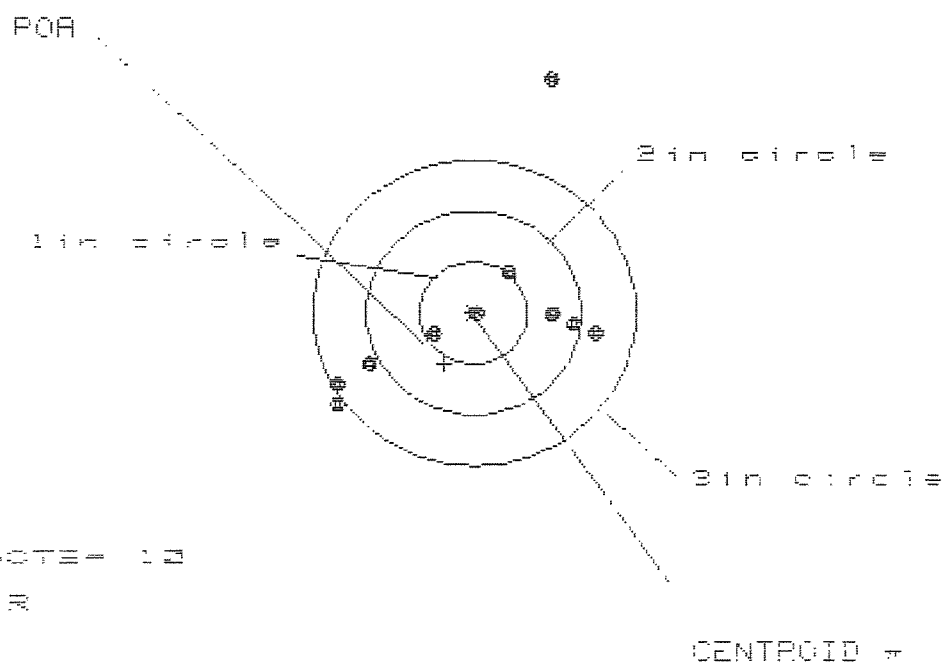
VS = 2.359

GS = 3.172

CENTROID +

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.440	1.556	.703
MINIMUM X	:	-1.078	-.962	-.767
MAXIMUM Y	:	.910	.749	.829
MINIMUM Y	:	-1.449	-1.002	-.922
CENTROID X	:	.434	.318	.123
CENTROID Y	:	.280	.441	.361
POA TO CENTROID in.	:	.516	.543	.382
1in Radius	:	.800	.804	.800
MEAN RADIUS	:	1.017	.923	.817
MAX RADIUS	:	1.785	1.680	1.150
HORIZONTAL SPREAD	:	2.518	2.518	1.470
VERTICAL SPREAD	:	2.359	1.751	1.751
EXTREME SPREAD	:	3.172	2.554	2.277
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN ONE

IN TWO

IN THREE

IN FOUR

POA = 0.4000

LOS = 0.2000

COG = 0.0000

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.159	1.235	1.090
MINIMUM X	:	-1.243	-1.167	-1.310
MAXIMUM Y	:	2.345	.672	.586
MINIMUM Y	:	-.951	-.690	-.557
CENTROID X	:	.571	.311	.473
CENTROID Y	:	.503	.242	.328
POA TO CENTROID in.	:	.571	.311	.473
MIN RADIUS	:	.042	.306	.229
MEAN RADIUS	:	1.045	.896	.913
MAX RADIUS	:	2.444	1.355	1.424
HORIZONTAL SPREAD	:	2.402	2.402	2.400
VERTICAL SPREAD	:	3.296	1.362	1.146
EXTREME SPREAD	:	3.820	2.512	2.455
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	