

C6225073

MODEL 700™ M24

Model 700 M24™

Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225073.__0
FILE DATE AND TIME: 11/08/2004 07:47

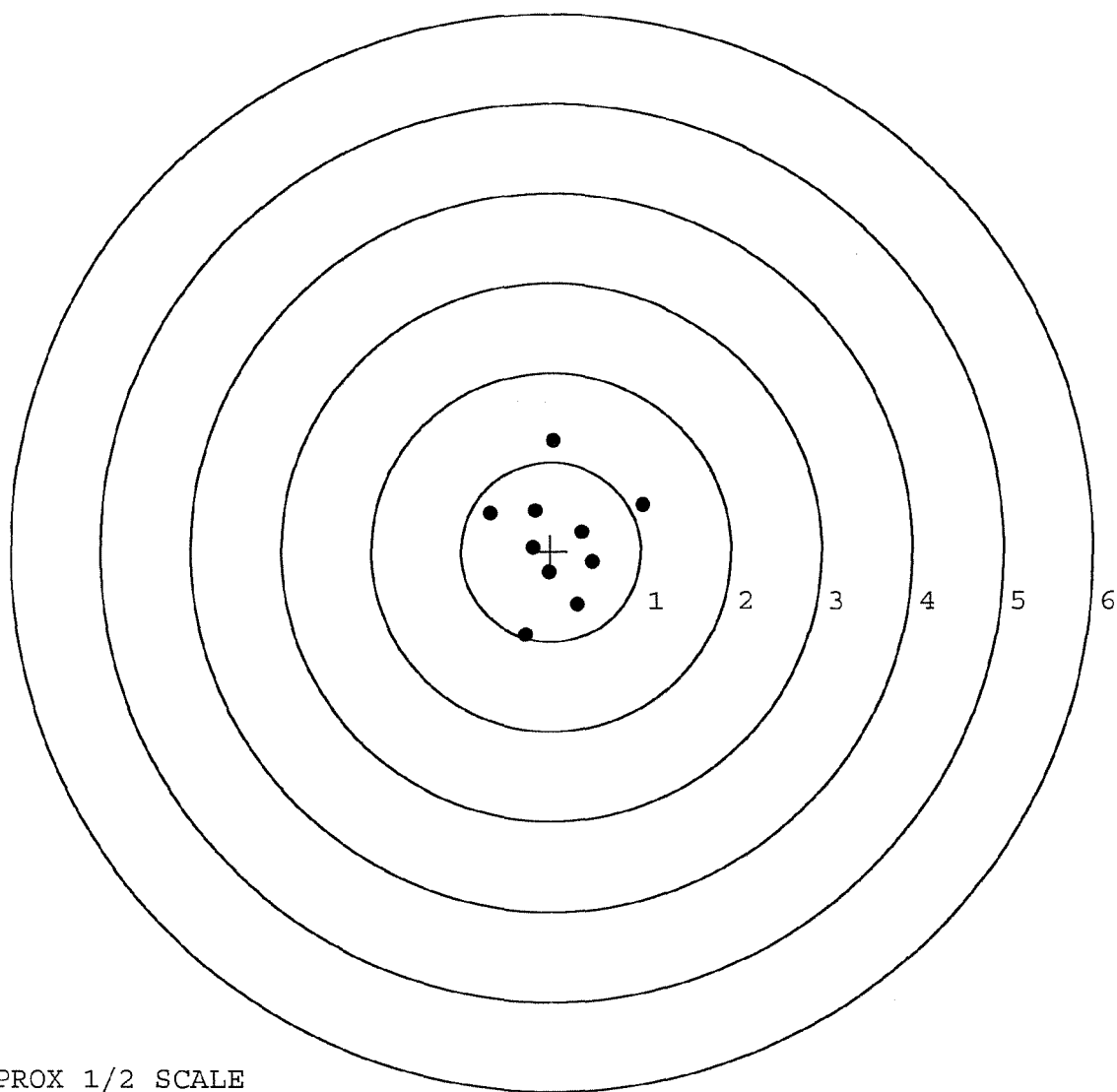
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.021
The Average Mean Radius of the Five Target Set:	0.770
The Distance from POA to Centroid Target #1:	0.130
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.184
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.206

SERIAL NUMBER: C6225073. 0
TARGET NUMBER: 1
FILE DATE: 11/08/2004
FILE TIME: 07:47

X CENTROID: 0.080
Y CENTROID: 0.102
POA TO CENTROID: 0.130
HORZ SPREAD: 1.703
VERT SPREAD: 2.174
GROUP SPREAD: 2.197
MIN RADIUS: 0.282
MAX RADIUS: 1.140
MEAN RADIUS: 0.663
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

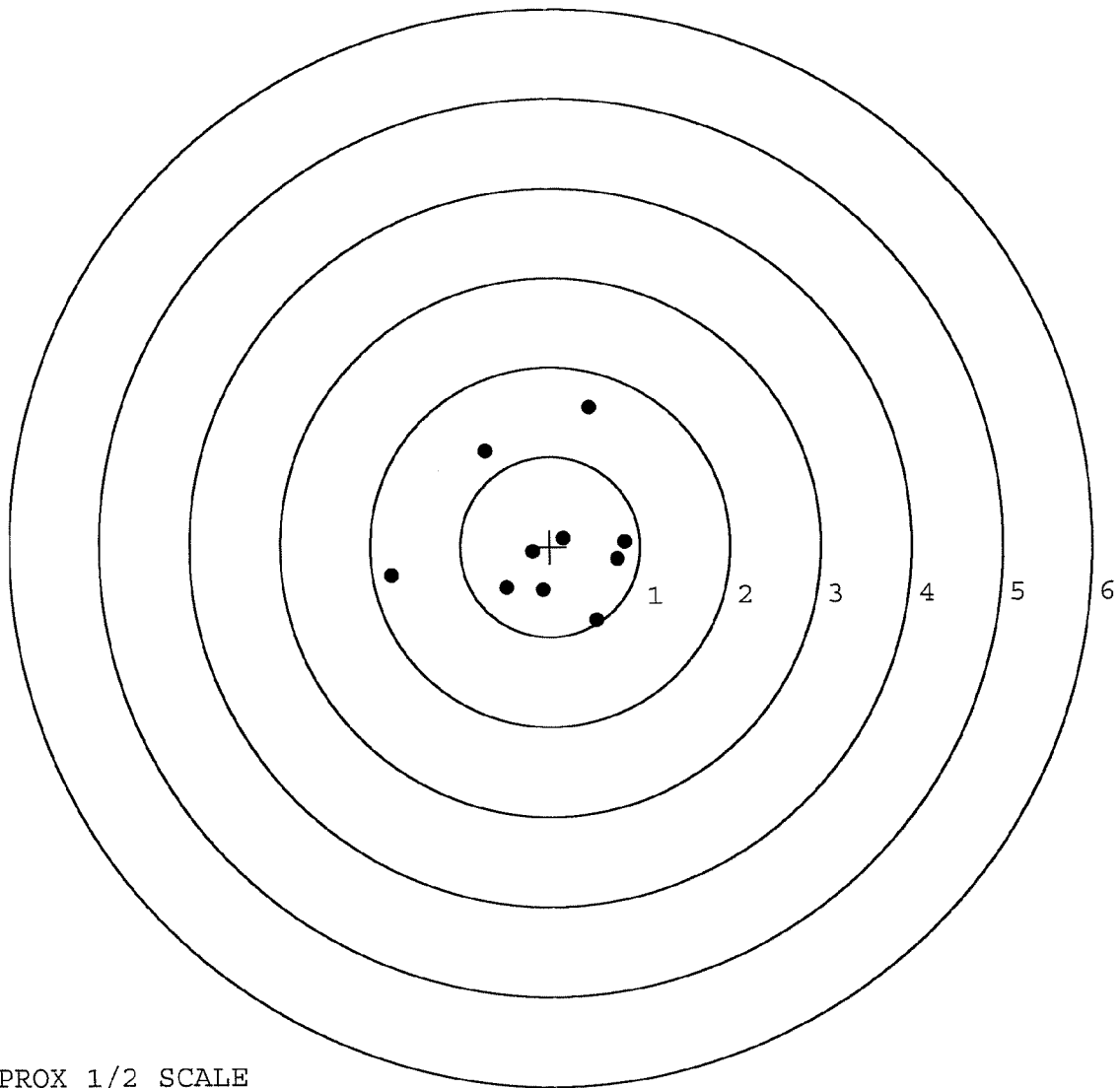
POINT#	X	Y
1:	1.025	0.521
2:	0.032	1.241
3:	-0.177	0.459
4:	-0.678	0.426
5:	-0.282	-0.933
6:	0.294	-0.594
7:	0.464	-0.118
8:	0.346	0.215
9:	-0.195	0.044
10:	-0.025	-0.237



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. __0
TARGET NUMBER: 2
FILE DATE: 11/08/2004
FILE TIME: 07:47

	POINT#	X	Y
	1:	0.514	-0.823
	2:	0.747	-0.142
	3:	0.829	0.052
	4:	0.447	1.541
	5:	-0.709	1.063
	6:	0.148	0.097
	7:	-1.764	-0.316
	8:	-0.200	-0.054
	9:	-0.086	-0.484
	10:	-0.482	-0.459
X CENTROID:		-0.056	
Y CENTROID:		0.048	
POA TO CENTROID:		0.073	
HORZ SPREAD:		2.593	
VERT SPREAD:		2.364	
GROUP SPREAD:		2.887	
MIN RADIUS:		0.177	
MAX RADIUS:		1.747	
MEAN RADIUS:		0.886	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		6	
# in 3 IN DIAMETER:		8	

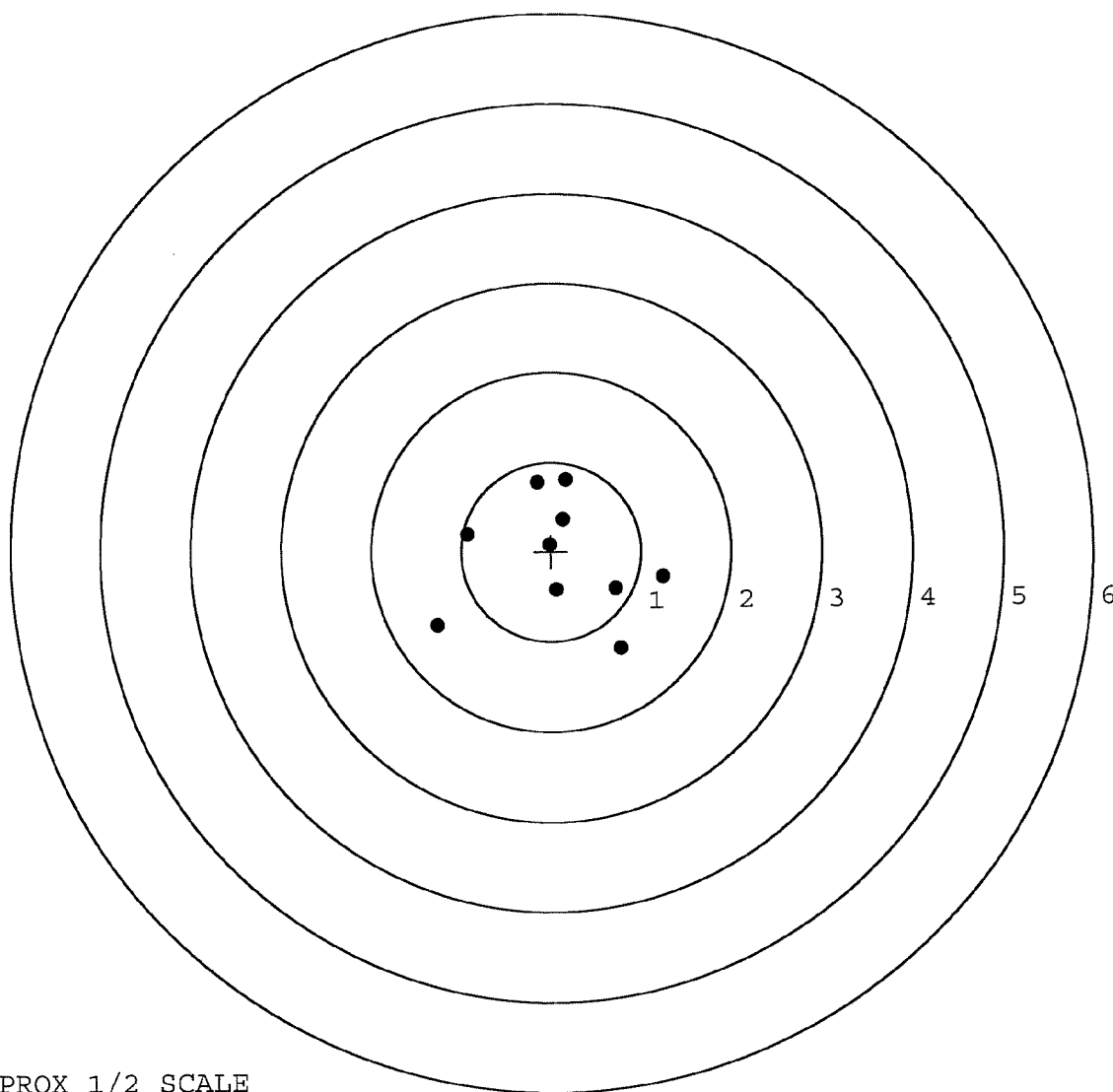


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. __0
TARGET NUMBER: 3
FILE DATE: 11/08/2004
FILE TIME: 07:47

X CENTROID: 0.072
Y CENTROID: -0.082
POA TO CENTROID: 0.109
HORZ SPREAD: 2.515
VERT SPREAD: 1.887
GROUP SPREAD: 2.571
MIN RADIUS: 0.181
MAX RADIUS: 1.535
MEAN RADIUS: 0.847
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.767	-1.082
2:	1.242	-0.287
3:	0.714	-0.419
4:	0.060	-0.427
5:	-1.273	-0.822
6:	-0.933	0.196
7:	-0.152	0.778
8:	0.173	0.805
9:	0.137	0.364
10:	-0.016	0.076

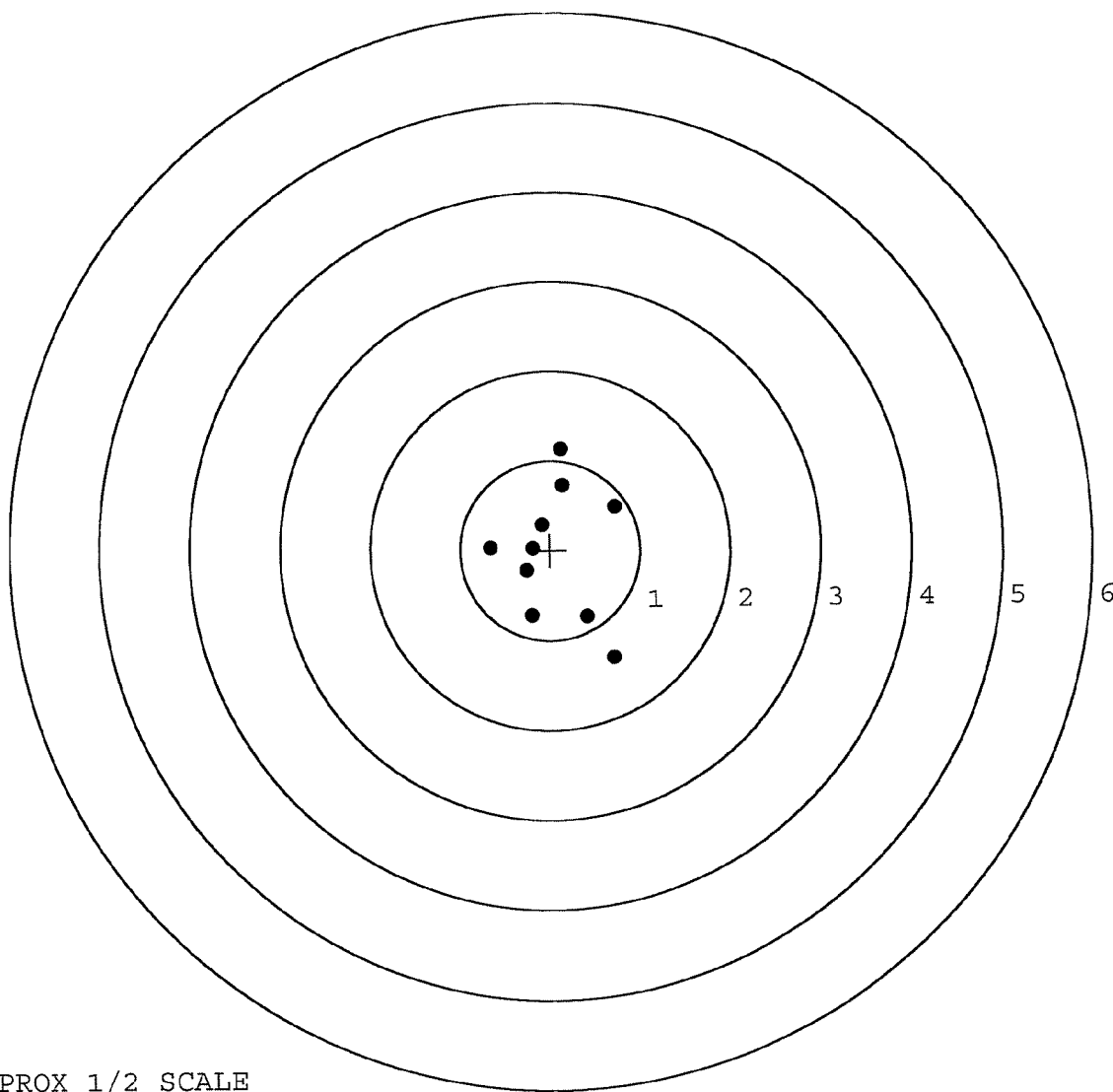


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. __0
TARGET NUMBER: 4
FILE DATE: 11/08/2004
FILE TIME: 07:47

X CENTROID: 0.068
Y CENTROID: -0.023
POA TO CENTROID: 0.072
HORZ SPREAD: 1.382
VERT SPREAD: 2.323
GROUP SPREAD: 2.393
MIN RADIUS: 0.271
MAX RADIUS: 1.333
MEAN RADIUS: 0.735
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.701	-1.196
2:	0.412	-0.743
3:	-0.212	-0.728
4:	0.722	0.482
5:	0.127	1.127
6:	0.144	0.722
7:	-0.089	0.281
8:	-0.660	0.033
9:	-0.265	-0.232
10:	-0.199	0.025

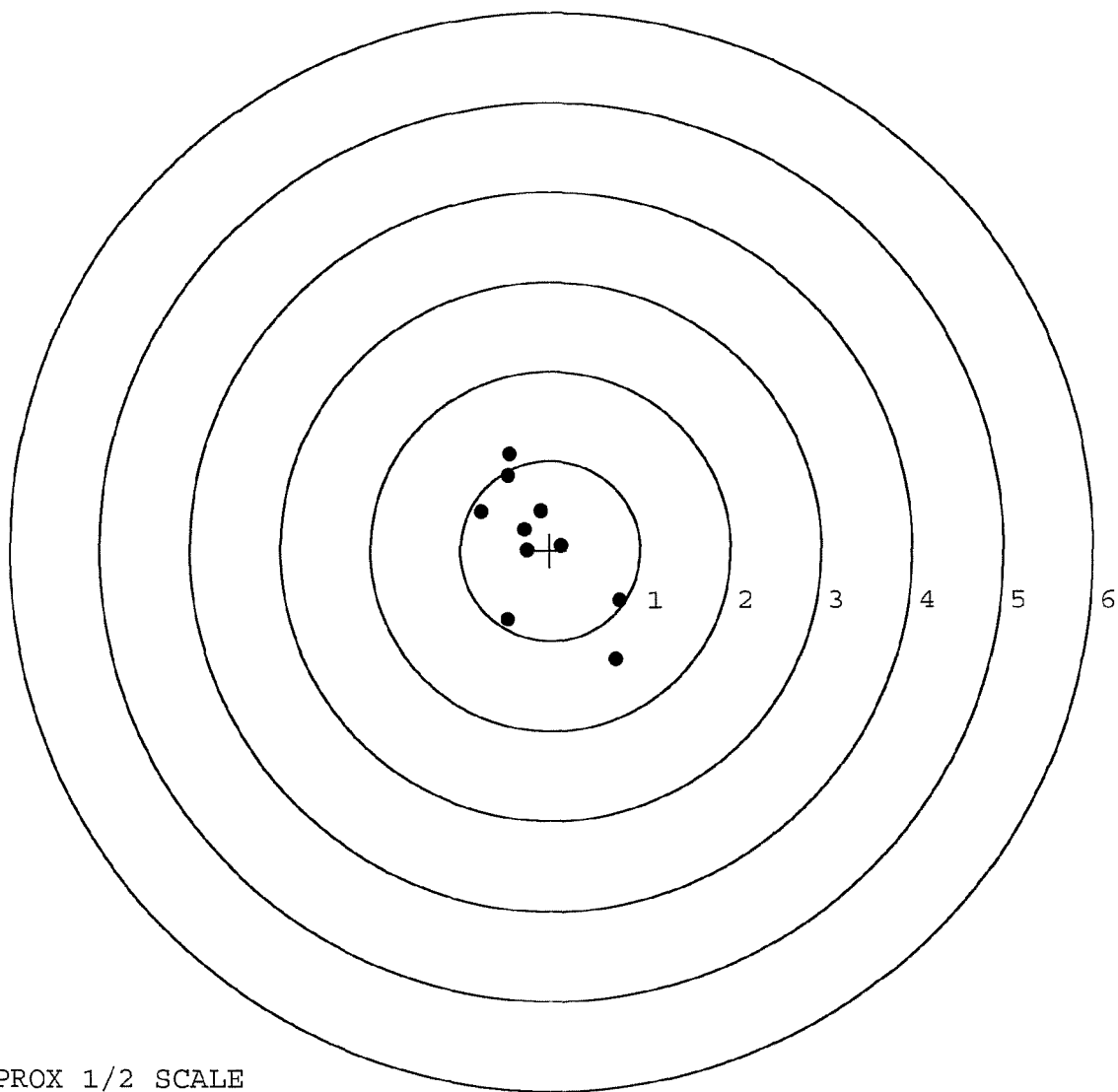


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225073. __0
TARGET NUMBER: 5
FILE DATE: 11/08/2004
FILE TIME: 07:47

X CENTROID: -0.119
Y CENTROID: 0.052
POA TO CENTROID: 0.130
HORZ SPREAD: 1.536
VERT SPREAD: 2.275
GROUP SPREAD: 2.562
MIN RADIUS: 0.142
MAX RADIUS: 1.518
MEAN RADIUS: 0.719
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.730	-1.207
2:	0.769	-0.557
3:	-0.479	-0.773
4:	-0.448	1.068
5:	-0.472	0.832
6:	-0.767	0.431
7:	-0.109	0.436
8:	-0.290	0.229
9:	-0.254	0.006
10:	0.126	0.052



TARGET APPROX 1/2 SCALE

CLASSIFICATION CHECKLIST
CONTRACT NO. DAH-20-02-D-0127

R & E NUMBER	83919		
SERIAL NUMBER	C6225073		
LOG-IN DATE	10-4-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/20/04	LB
618	ROTO-BLAST	10-22-04	LB
620	APPLY COATINGS	10/24/04	HP
625 A	FINAL ASSEMBLY	11-3-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-8-04	TRW
655	FINAL INSPECT	11-8-04	RTL
660	PACK	11-2-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

96 N

Repair Number: **RE00014841** Serial: C5225073 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: New 10/3/00 10:50:18 AM

Verify Repair

Address Information

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

Name: ANNISTON ARMY DEPOT ANNISTON ARMY DEPOT

Address 1: ATTN: TRANSPORTATION OFFICER ATTN: TRANSPORTATION OFFICER

Address 2: SDSAN-DSP-WD BLDG 112 PO Box: SDSAN-DSP-WD BLDG 112 PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSH Notes:

Accessories Received

Code	Desc	Qty
AO	With Stud	3
AO	Scope Base	1

Repair Search Refresh Close

naglet 10/3/00 11:18 AM CAP5 NUM

Start Inbox Nagle Micro Explor Arms Se Part Se Oldstuff 11:18 AM

BBL - 96003
Front Sight Base - 96011

Final Inspection

S/N: C6225073

DATE REC'D: 10-3-00

DATE RET'D:

AUDITOR: CK

Item:

Barrel Assy.

☒ BARREL

☒ RECEIVER

☒ FRONT SIGHT BLOCK

☒ REAR SIGHT BLOCK

☒ SCREWS

☒ FINISH

Scope Assy.

☒ SCOPE

☒ SCOPE RINGS

☒ MOUNTING SCREWS

☒ MOUNTING BASE

☒ SCREWS

☒ FINISH

☒ LOOSENESS

☒ CLARITY

Misc.

☒ DD-350

☒ BAR CODE

☒ PACKAGING

Item:

Stock Assy.

☒ STOCK

☒ SLING SWIVEL STUDS

☒ ADJUSTABLE BUTT PLATE

☒ LOCK NUTS

☒ BARREL CLEARANCE

☒ COLOR/FINISH

Systems Case

☒ SCOPE CASE

☒ IRON SIGHTS

☒ DEPLOYMENT KIT

Trigger

☒ SAFETY OPERATION

☒ SET

Comments:

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

R & E NUMBER <u>14841</u>			
SERIAL NUMBER <u>C6225073</u>			
LOG-IN DATE <u>10-3-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-16-00	RW
605	CHECK HEADSPACE	10-16-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-3-00	RW
655	FINAL INSPECT	11-6-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

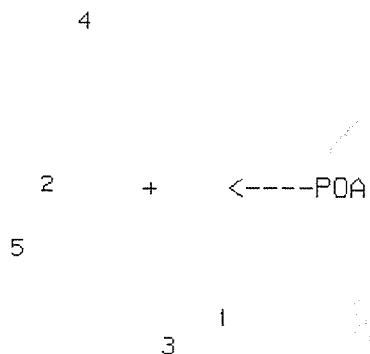
Centroidal distance calculations for Rifle # c6225073
1 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2918
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2408
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .378328

THE AMR FOR THIS RIFLE IS: 1.254

CENTROIDAL DISTANCES

Ø TO	1	1.01529
1 TO	2	1.50648
1 TO	3	.423076
1 TO	4	2.2407
1 TO	5	1.48095



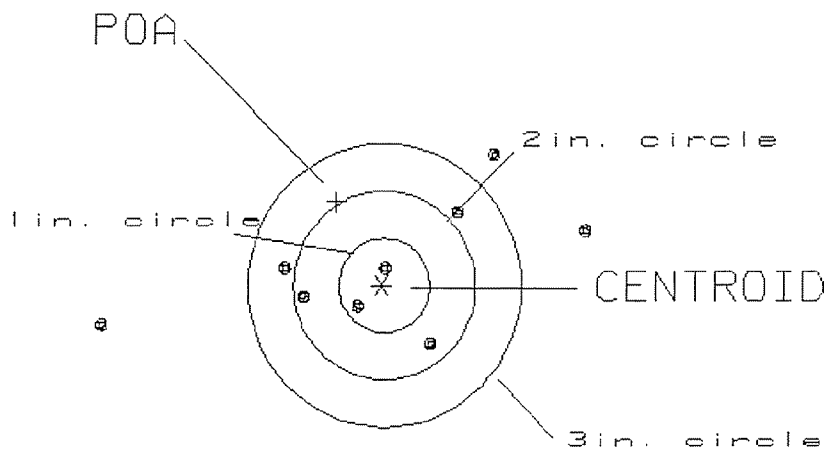
PATTERN #: ☐ 1 ☐

POA TO CENTROID: 1.016
 MIN RADIUS : .193
 MEAN RADIUS : 1.359
 MAX RADIUS : 3.148
 CENTROID X : .494
 CENTROID Y : -.887

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 5.33
 VS= 3.24
 GS= 5.42

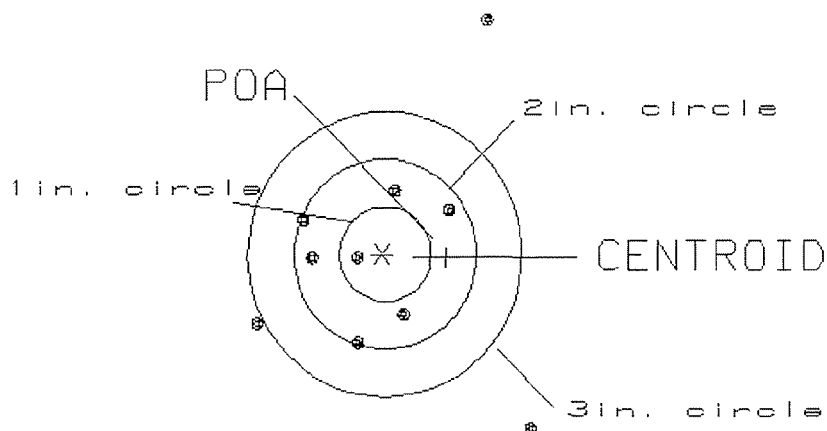
2
 4
 6

PATTERN #: 2
 POA TO CENTROID: .703
 MIN RADIUS : .346
 MEAN RADIUS : 1.203
 MAX RADIUS : 2.737
 CENTROID X : -.702
 CENTROID Y : .029

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.03

1

VS= 4.29

7

GS= 4.32

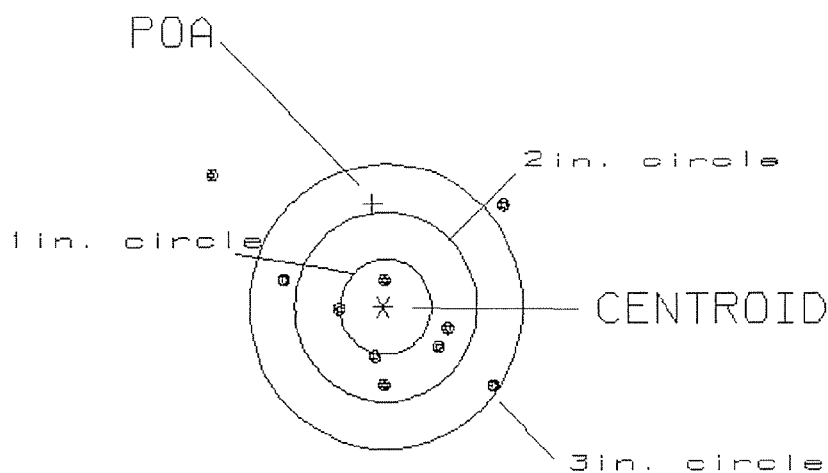
7

PATTERN #: 3
 POA TO CENTROID: 1.086
 MIN RADIUS : .253
 MEAN RADIUS : 1.014
 MAX RADIUS : 2.358
 CENTROID X : .117
 CENTROID Y : -1.079

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.21

2

VS= 2.17

6

GS= 3.76

8

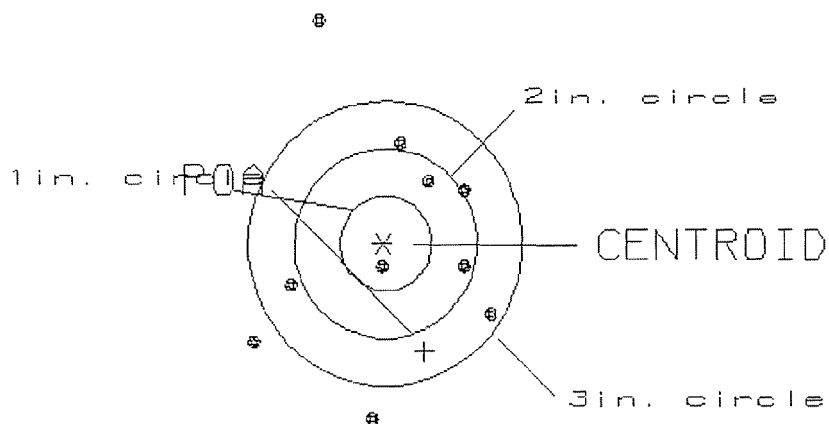
PATTERN #: 4

POA TO CENTROID: 1.229
 MIN RADIUS : .244
 MEAN RADIUS : 1.251
 MAX RADIUS : 2.439
 CENTROID X : -.461
 CENTROID Y : 1.140

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225073.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.58

1

VS= 4.15

3

GS= 4.19

7

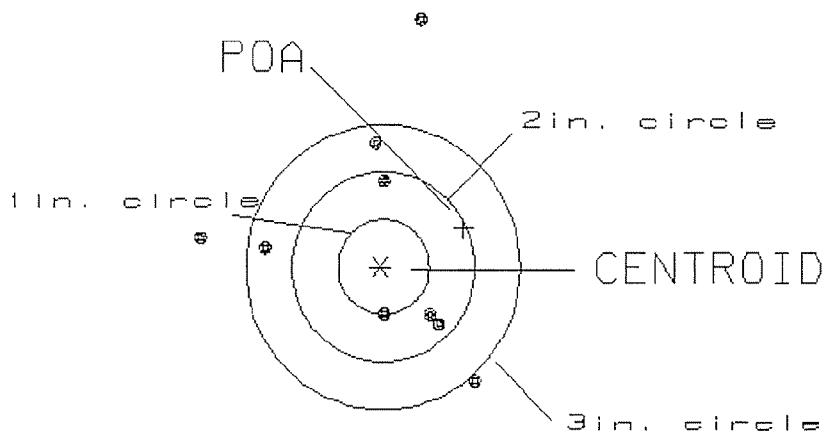
PATTERN #: 5

POA TO CENTROID: .994
 MIN RADIUS : .473
 MEAN RADIUS : 1.445
 MAX RADIUS : 2.628
 CENTROID X : -.907
 CENTROID Y : -.407

31 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.02

1

VS= 5.08

4

GS= 5.09

6

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225073
30 Oct 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.6544$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.3598$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.74679$

THE AMR FOR THIS RIFLE IS: 1.617

CENTROIDAL DISTANCES

0 TO	1	.0930484
1 TO	2	1.8576
1 TO	3	1.75374
1 TO	4	.741677
1 TO	5	1.73475

3

25

1+ <----POA

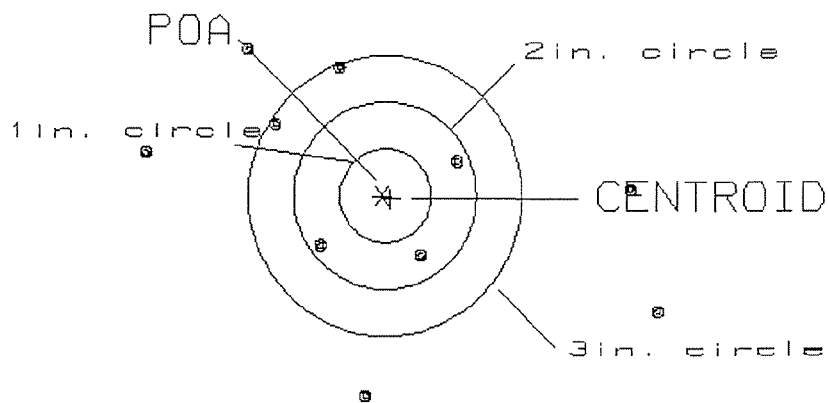
4

PATTERN #: 010
 POA TO CENTROID: .093
 MIN RADIUS : .758
 MEAN RADIUS : 1.840
 MAX RADIUS : 3.229
 CENTROID X : -.087
 CENTROID Y : .033

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 5.64
 VS= 3.71
 GS= 5.89

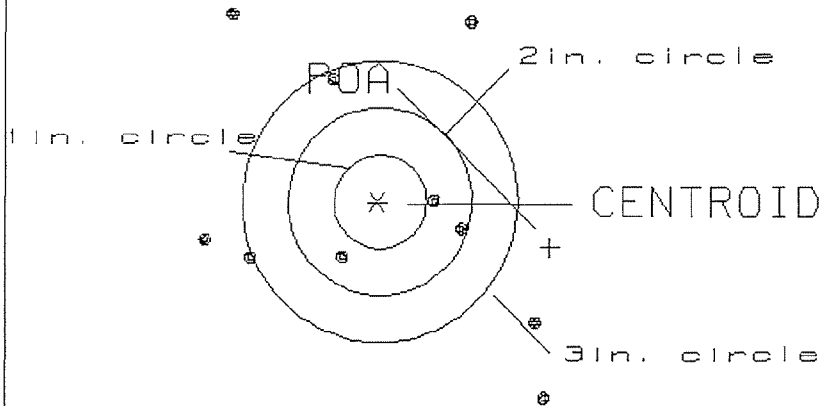
0
 3
 5

PATTERN #: 2
 POA TO CENTROID: 1.950
 MIN RADIUS : .540
 MEAN RADIUS : 1.651
 MAX RADIUS : 2.709
 CENTROID X : -1.887
 CENTROID Y : .492

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.70
 VS= 4.07
 GS= 5.27

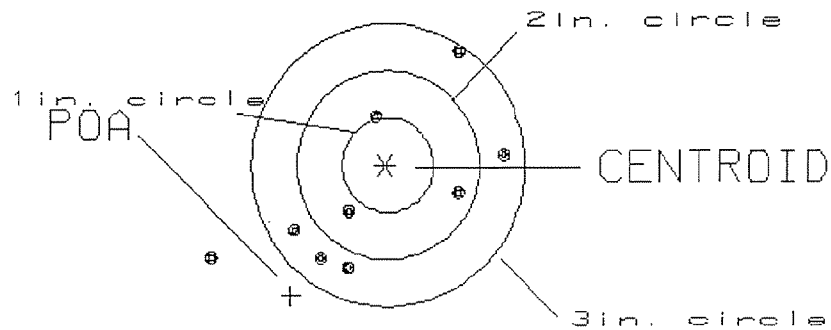
0
 3
 4

PATTERN #: 3
 POA TO CENTROID: 1.726
 MIN RADIUS : .549
 MEAN RADIUS : 1.363
 MAX RADIUS : 3.135
 CENTROID X : 1.030
 CENTROID Y : 1.385

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.85
 VS= 3.55
 GS= 5.16

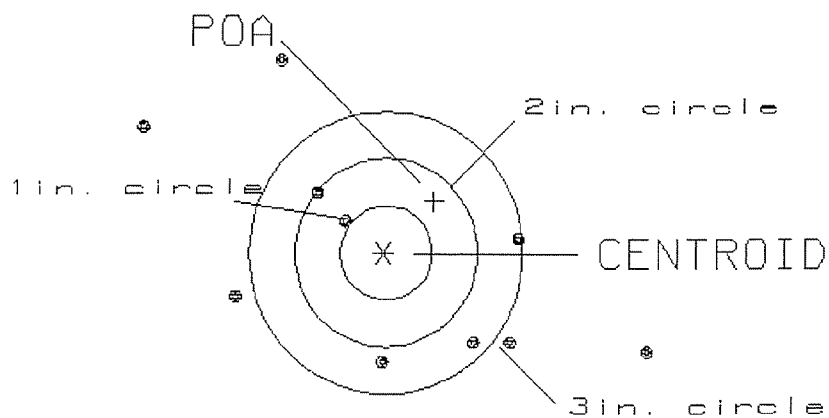
0
 3
 8

PATTERN #: 4
 POA TO CENTROID: .776
 MIN RADIUS : .525
 MEAN RADIUS : 1.709
 MAX RADIUS : 3.021
 CENTROID X : -.553
 CENTROID Y : -.544

30 Oct 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225073

CENTERFIRE PATTERN # 4



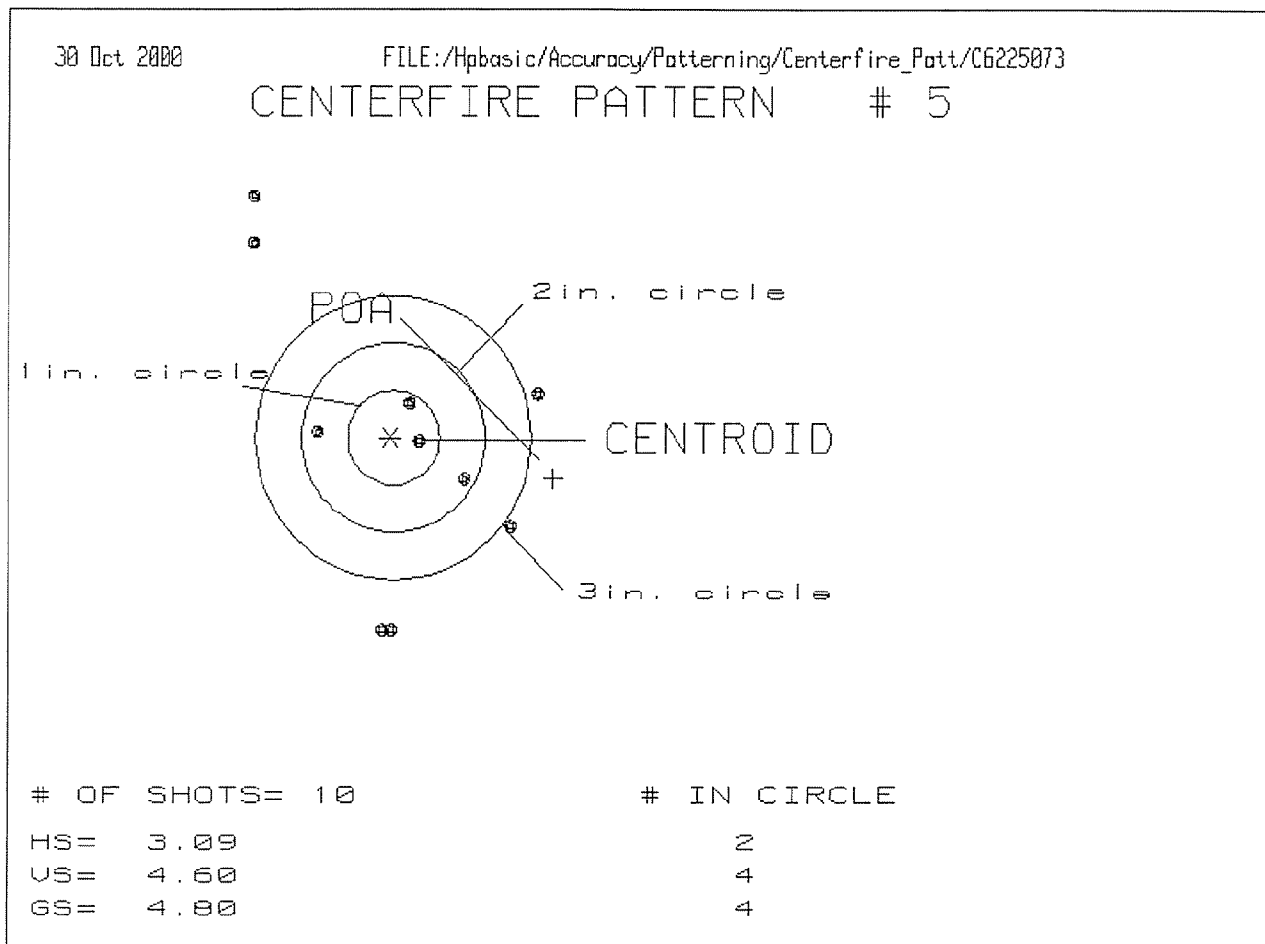
OF SHOTS= 10

IN CIRCLE

HS= 5.53
 VS= 3.14
 GS= 6.02

0
 2
 5

PATTERN #: 5
 POA TO CENTROID: 1.827
 MIN RADIUS : .304
 MEAN RADIUS : 1.524
 MAX RADIUS : 2.954
 CENTROID X : -1.775
 CENTROID Y : .433



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225073

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	pfe.
	Magnaflux Bolt		9-14-88	pfe.
615	Rollmark Caliber		10/12	WC
617	Drill & Tap Sight Holes		10/12	FB
618	Polish Barrel		10/20	WT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
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			

OVER

OP.#	READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		
cont.	E) Adjust Trigger Pull to Min. Setting and Stake	1 NOV 88	JSJ
	F) Safety on Force	5 5 5 4 NOV 88	JSJ
	G) Safety off Force	4 4 4 4 NOV 88	JSJ
	H) Trigger Pull Test & Retainability	1 NOV 88	JSJ
	I) Firing Pin Indent	.0215 .0215 .022 4 NOV 88	JSJ
	J) Assemble Stock	11/17/88	RW
	K) Attach Front & Rear Sight Assemblies	11/17/88	RW
	L) Iron Sight Alignment	11/17/88	RW
	M) Detach Front & Rear Sights & place in numbered container	11/17/88	RW
	N) Attach Scope to Rifle	11/18/88	WB
	O) Detach & Attach Scope 20 times	11/18/88	WB
640	Gallery Target & Test	85R 67L 11/29/88	DH
	A) Optical Clarity of Scope	11/29/88	DH
645	Inspect for Live Ammo	11/29/88	DH
655	Final Inspection		
	A) Headspace	1 Dec 88	JSJ
	B) Trigger Pull	2.60 2.52 2.53 2.53 2.44	JSJ
	C) Function	1 Dec 88	JSJ
	D) Assemble Swivel Studs	1 Dec 88	JSJ
660	Pack	14 Dec 88	JSJ

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225073

DATE 1/10/88

TESTER J. G. J. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.52	2.70	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.50	2.64	2.52	
PULL #3	2.53	2.51	2.63	2.53	
PULL #4	2.54	2.52	2.60	2.53	
PULL #5	2.54	2.53	2.62	2.44	
TOTAL	12.68	12.58	13.19	12.62	
AVG.	2.536	2.516	2.638	2.524	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.33		
PULL #2	3.30	3.33		
PULL #3	3.35	3.34		
PULL #4	3.38	3.34		
PULL #5	3.34	3.36		
TOTAL	16.69	16.70		
AVG.	3.338	3.34		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.28		4.16
PULL #2	4.36	4.35		4.12
PULL #3	4.38	4.38		3.88
PULL #4	4.36	4.35		4.17
PULL #5	4.44	4.38		4.17
TOTAL	21.91	21.74		20.50
AVG.	4.382	4.348		4.10

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225073

CENTROIDAL DISTANCES

0 TO	1	1.14
1 TO	2	.408512
1 TO	3	.472848
1 TO	4	.128503
1 TO	5	.608127

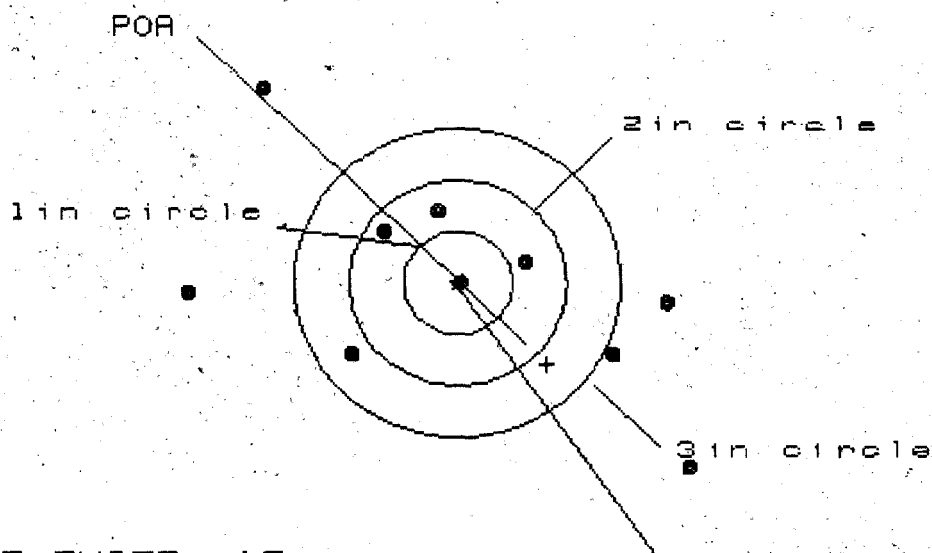
4
3
5 + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.8152
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .53
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .972343
THE AMR FOR THIS RIFLE IS: 1.252

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225073

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

HS= 4.532

VS= 3.688

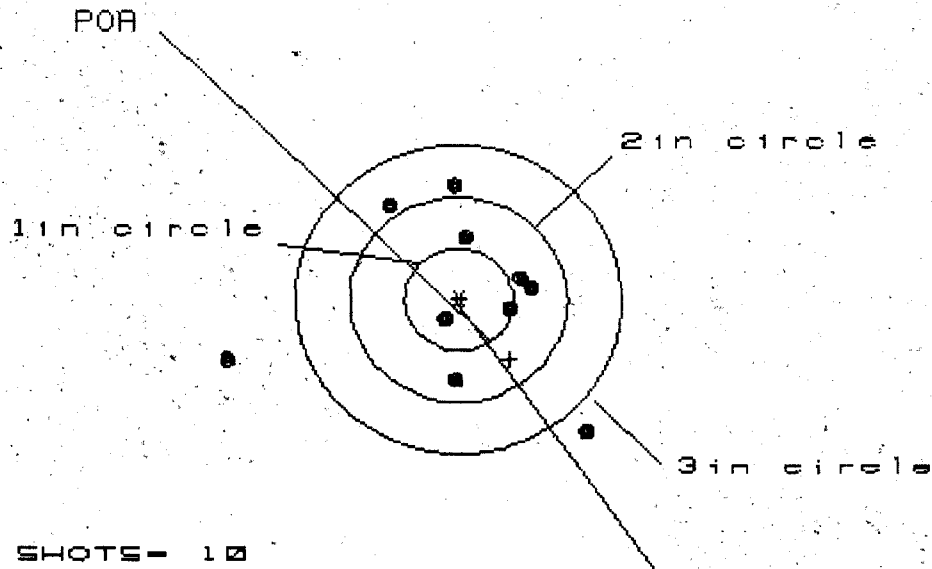
GS= 5.310

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.076	2.172	1.983
MINIMUM X	-2.456	-2.226	-2.415
MAXIMUM Y	1.879	1.678	.673
MINIMUM Y	-1.809	-.868	-.658
CENTROID X	-.819	-1.049	-.860
CENTROID Y	.793	.994	.784
POA TO CENTROID in.	1.140	1.445	1.164
MIN RADIUS	.050	.325	.091
MEAN RADIUS	1.483	1.331	1.195
MAX RADIUS	2.753	2.260	2.416
HORIZONTAL SPREAD	4.532	4.398	4.398
VERTICAL SPREAD	3.688	2.546	1.332
EXTREME SPREAD	5.310	4.399	4.399
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225073

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 3.342

VS = 2.470

GS = 3.411

CENTROID #

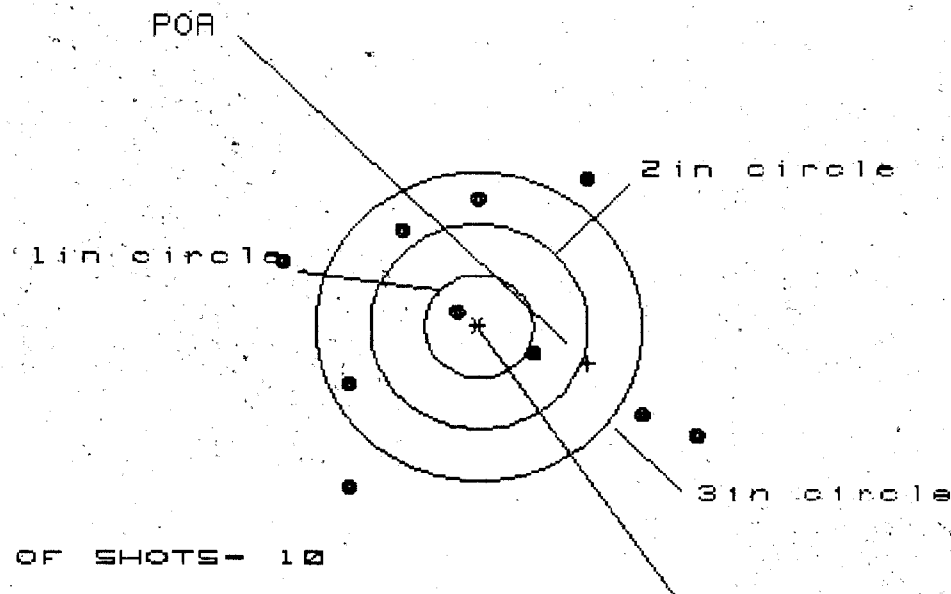
PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.207	.969	.519
MINIMUM X	:	-2.135	-.830	-.709
MAXIMUM Y	:	1.160	1.090	.917
MINIMUM Y	:	-1.310	-1.380	-1.070
CENTROID X	:	-.468	-.230	-.352
CENTROID Y	:	.584	.654	.827
POA TO CENTROID in.	:	.748	.693	.898
MIN RADIUS	:	.235	.272	.390
MEAN RADIUS	:	.972	.783	.673
MAX RADIUS	:	2.226	1.686	1.086
HORIZONTAL SPREAD	:	3.342	1.799	1.227
VERTICAL SPREAD	:	2.470	2.470	1.987
EXTREME SPREAD	:	3.411	2.880	1.987
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225073

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 5

HS= 3.801

VS= 2.943

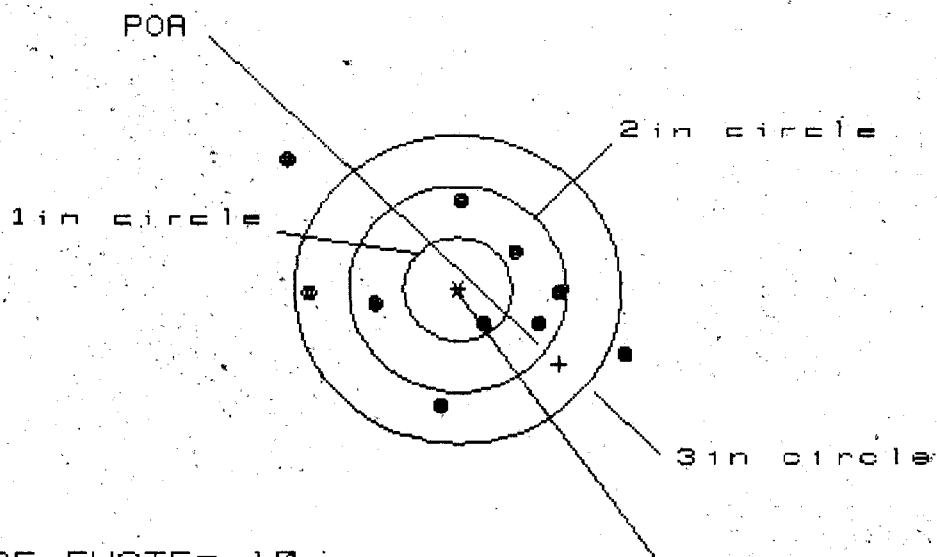
GS= 4.155

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.045	1.680	1.564
MINIMUM X	:	-1.756	-1.529	-1.645
MAXIMUM Y	:	1.417	1.298	1.092
MINIMUM Y	:	-1.526	-1.645	-1.222
CENTROID X	:	-1.002	-1.229	-1.113
CENTROID Y	:	.357	.476	.682
POA TO CENTROID in.	:	1.063	1.318	1.305
MIN RADIUS	:	.265	.060	.177
MEAN RADIUS	:	1.411	1.269	1.177
MAX RADIUS	:	2.310	1.963	1.985
HORIZONTAL SPREAD	:	3.801	3.209	3.209
VERTICAL SPREAD	:	2.943	2.943	2.314
EXTREME SPREAD	:	4.155	3.637	3.543
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	5		

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225073

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 3.069

VS = 2.457

GS = 3.629

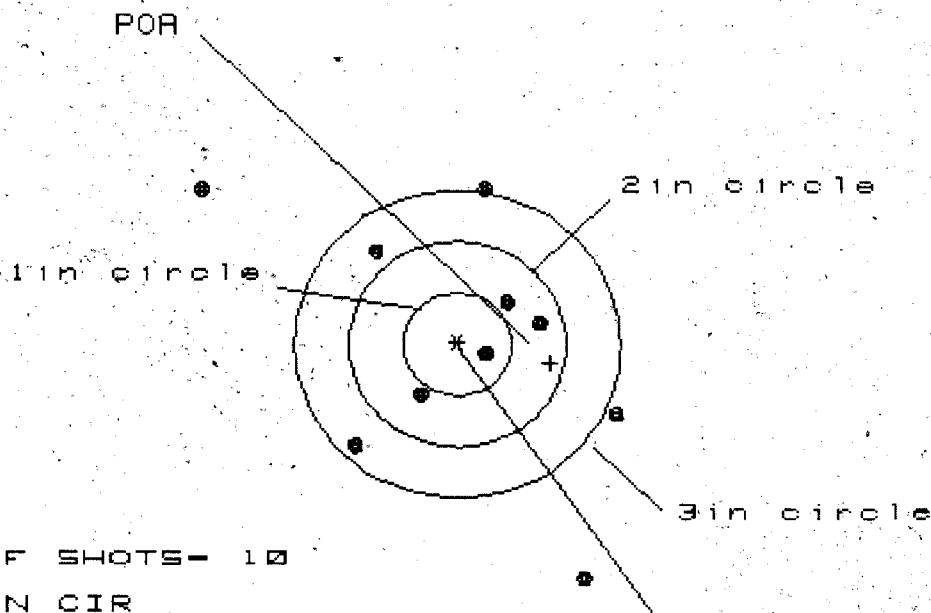
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.492	1.317	.923
MINIMUM X	-1.577	-1.537	-1.373
MAXIMUM Y	1.301	1.042	.981
MINIMUM Y	-1.156	-1.012	-1.073
CENTROID X	-.931	-.756	-.920
CENTROID Y	.730	.586	.647
POA TO CENTROID in.	1.183	.956	1.125
MIN RADIUS	.378	.173	.305
MEAN RADIUS	1.062	.906	.861
MAX RADIUS	2.044	1.542	1.374
HORIZONTAL SPREAD	3.069	2.854	2.296
VERTICAL SPREAD	2.457	2.054	2.054
EXTREME SPREAD	3.629	2.920	2.296
NUMBER IN ONE INCH CIRCLE =	1	6	8
NUMBER IN TWO INCH CIRCLE =	6	8	8
NUMBER IN THREE INCH CIRCLE =	8	8	8

29 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225073

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 6

HS= 2.813

VS= 3.859

GS= 5.165

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.501	1.244	1.352
MINIMUM X	-2.312	-1.201	-1.093
MAXIMUM Y	1.558	1.667	1.401
MINIMUM Y	-2.301	-2.128	-1.116
CENTROID X	-.856	-.599	-.707
CENTROID Y	.186	.013	.279
POA TO CENTROID in.	.876	.599	.760
MIN RADIUS	.290	.105	.210
MEAN RADIUS	1.333	1.137	.967
MAX RADIUS	2.788	2.296	1.562
HORIZONTAL SPREAD	3.813	2.445	2.445
VERTICAL SPREAD	3.859	3.795	2.517
EXTREME SPREAD	5.165	3.903	2.769
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	6		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-24910

M-24 SNIPER

INITIAL FPS	CUSTOMER ORDER NO.					
DATE RECEIVED 08/29/94	DATE OPENED 08/30/94	DATE CODE DI 9-88	SERIAL NUMBER C6225073	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		SCOPE MNTS		SCOPE BASE		

FROM:

SHIP TO:

DEPT OF THE ARMY
B CO ARMS
2/75 RANGER BATTALION
FT LEWIS

WA 98433

DEPT OF THE ARMY
B CO ARMS
2/75 RANGER BATTALION
FT LEWIS

WA

98433

CUST NO: 062072 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

New Barrel

PARTS	COMMENTS												
Barrel 96003 Mag Spring 15677	Repower Coat Trigger Guard Assy, Front + Rear Sight Bases Re-dinic Scope Base, Rings + Swivel Studs												
<table border="1"> <tr> <td>REPAIRMAN RW</td> <td>PROOF C</td> <td>CLEAN C</td> <td>TEST 2</td> <td>TARGET 2</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER RW</td> <td>DATE 9/1/94</td> <td>DATE 9/13/94</td> <td>DATE 9/13/94</td> <td>DATE 9/13/94</td> <td>DATE</td> </tr> </table>		REPAIRMAN RW	PROOF C	CLEAN C	TEST 2	TARGET 2	PATTERN	GALLERY TESTER RW	DATE 9/1/94	DATE 9/13/94	DATE 9/13/94	DATE 9/13/94	DATE
REPAIRMAN RW	PROOF C	CLEAN C	TEST 2	TARGET 2	PATTERN								
GALLERY TESTER RW	DATE 9/1/94	DATE 9/13/94	DATE 9/13/94	DATE 9/13/94	DATE								

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400048342

PACKING LIST		PACKED BY <i>Mr. Ray Fuller</i> WG-10 Bin Armorer.	1. NO. BOXES <i>1</i>	2a. REQUISITION NO. <i>94246</i>	
				2b. ORDER NO.	
3. END ITEM <i>7.62mm 1124 Sniper Weapons System (SW5)</i>			4. DATE <i>26 July 1994</i>		
			5. PAGE <i>1</i> OF <i>1</i> PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
	<i>7.62mm 1124 Sniper Weapon System (SW5) Serial No. C6225073</i> <i>NSN: 1005-01-240-2136</i> <i>Note: All Optic Scope Ring mounts Packed</i>	<i>EA</i>			<i>1</i>
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE			SIGNATURE		
<i>Ray Fuller WG-10 Bin Armorer</i>			<i>Ray Fuller</i>		

DD FORM 1 SEP 70 1750

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400048343

MAINTENANCE REQUEST				PAGE NO. <u>1</u>	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO. <u>94246</u>		WESDC	ORG. PD <u>02</u>	PD AUTHENTICATION <u>[Signature]</u>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>Bn Arms HHC</u> <u>3/75 Rgr Rgt</u>		B. LOCATION <u>Fort Lewis Wa</u>		C. UNIT IDENT CODE <u>WH3M1717</u>	
2. SERIAL NO. <u>C6225073</u>		3. NOUN NOMENCLATURE <u>M24 SW5</u>		4. LINE NO.	5. MODEL <u>1424</u>	6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>	
7A. MAINTENANCE ACTIVITY <u>Remington Arms Co.</u>		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS
							13. STARTS
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☒ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs).							
<u>This weapon has fired over 10,000 Rds. During Bench Rest Test Fired at 200/300 yds</u> <u>groups were shot exceeding the criteria of 2.6" at 200 to 7.8" at 300 yds. (5-10 549 Group)</u> <u>The criteria was provided us by Mr. John Glenn ARDCE USA 880-7071</u>							
B. REMARKS							
<u>Request ReBarreling and Complete Weapon Reconditioning</u>							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor	
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER	F. PART SOURCE CODE
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					.		\$
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One) ☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools							
22. ☐ Data Transcribed							
23. SUBMITTED BY <u>Roy Fuller</u>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
JULIAN DATE <u>4235</u>		JULIAN DATE		JULIAN DATE		JULIAN DATE	
27. ACCEPTED BY							
28. DISPOSITION (Select One)							
☐ A To User ☐ D Evacuated				☐ E Cannibalization			
☐ B To Stock							
☐ C Salvaged							

Final Inspection

Sn: C6225073 DATE REC'D: 8/29/94 DATE RET'D: _____

AUDITOR: AW

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 # C6225073
15 Sep 1994

CENTROIDAL DISTANCES

0 TO	1	.365
1 TO	2	.435341
1 TO	3	.297809
1 TO	4	.404491
1 TO	5	.344384

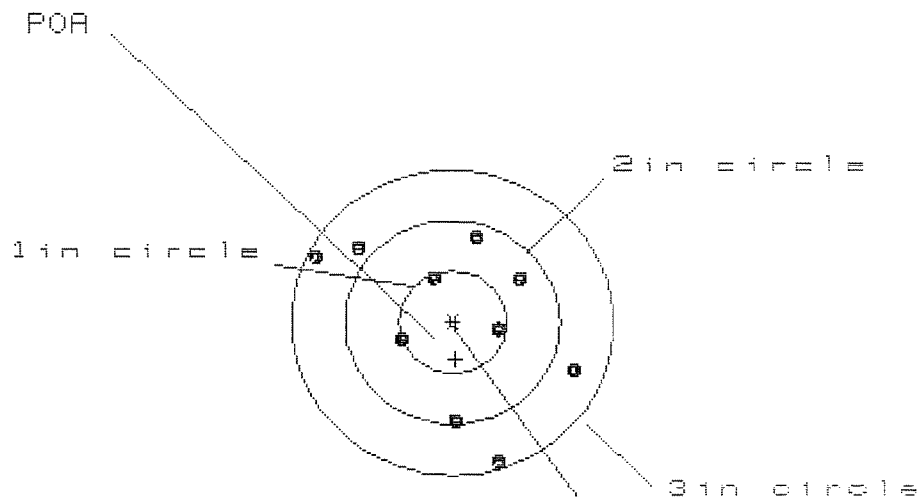
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2106
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1506
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .258907
THE AMR FOR THIS RIFLE IS: .8186

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/08225073

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.389

VS = 2.195

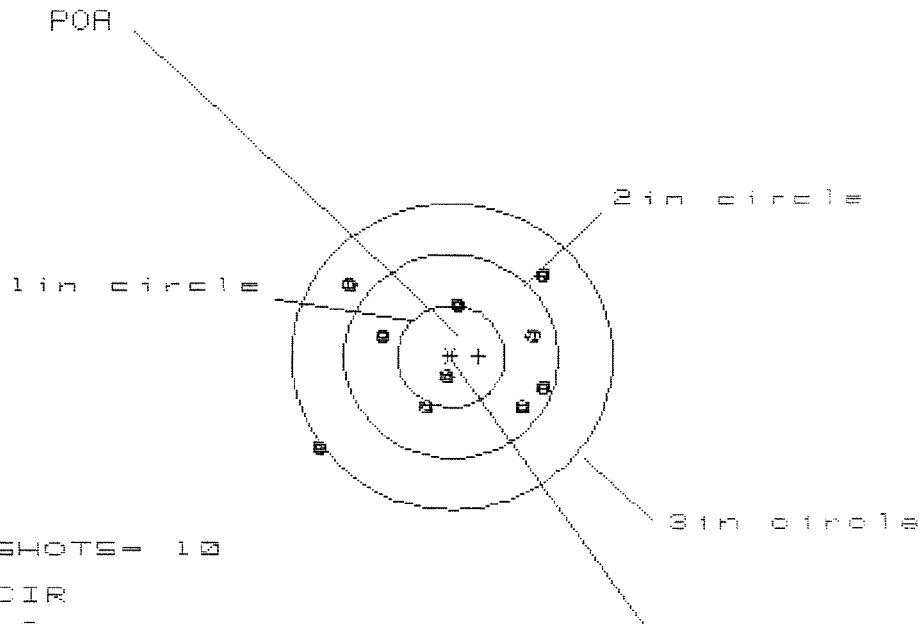
GS = 2.648

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.122	1.164	1.011
MINIMUM X	-1.267	-1.225	-1.018
MAXIMUM Y	.809	.656	.715
MINIMUM Y	-1.385	-1.082	-1.023
CENTROID X	-.027	-.069	.084
CENTROID Y	.364	.517	.458
POA TO CENTROID in.	.365	.522	.465
MIN RADIUS	.393	.299	.328
MEAN RADIUS	.910	.833	.764
MAX RADIUS	1.436	1.340	1.198
HORIZONTAL SPREAD	2.389	2.389	2.029
VERTICAL SPREAD	2.195	1.738	1.738
EXTREME SPREAD	2.648	2.648	2.376
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225073

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 2.163

VS= 1.698

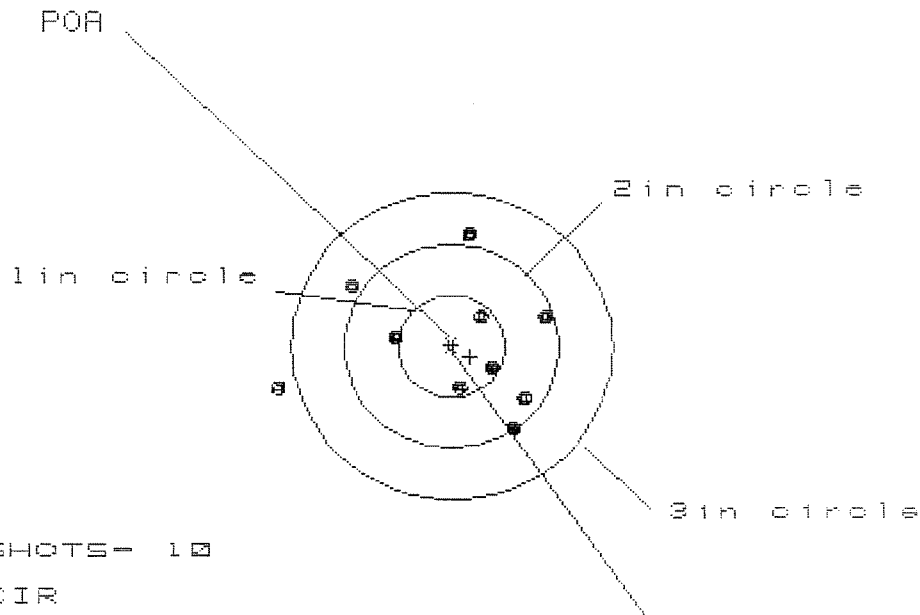
GS= 2.679

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.904	.764	.624
MINIMUM X	:	-1.259	-1.117	-.922
MAXIMUM Y	:	.787	.686	.756
MINIMUM Y	:	-.911	-.601	-.531
CENTROID X	:	-.258	-.118	.022
CENTROID Y	:	-.005	.096	.026
POA TO CENTROID in.	:	.258	.152	.033
MIN RADIUS	:	.205	.365	.425
MEAN RADIUS	:	.836	.751	.677
MAX RADIUS	:	1.554	1.251	.944
HORIZONTAL SPREAD	:	2.163	1.881	1.546
VERTICAL SPREAD	:	1.698	1.287	1.287
EXTREME SPREAD	:	2.679	2.128	1.671
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/06225073

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.461

VS= 1.877

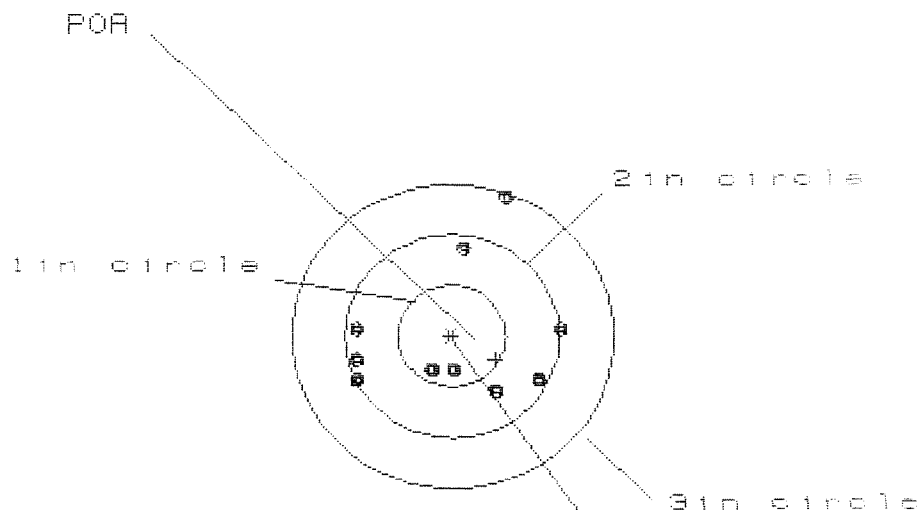
GS= 2.542

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.827	.645	.658
MINIMUM X	:	-1.634	-1.083	-1.078
MAXIMUM Y	:	1.087	1.046	.646
MINIMUM Y	:	-.790	-.831	-.701
CENTROID X	:	-.174	.008	.003
CENTROID Y	:	.105	.146	.015
POA TO CENTROID in.	:	.203	.146	.016
MIN RADIUS	:	.343	.216	.235
MEAN RADIUS	:	.824	.694	.632
MAX RADIUS	:	1.676	1.199	1.257
HORIZONTAL SPREAD	:	2.461	1.728	1.728
VERTICAL SPREAD	:	1.877	1.877	1.346
EXTREME SPREAD	:	2.542	1.988	1.988
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225073

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HS = 1.911

VS = 1.309

GS = 2.373

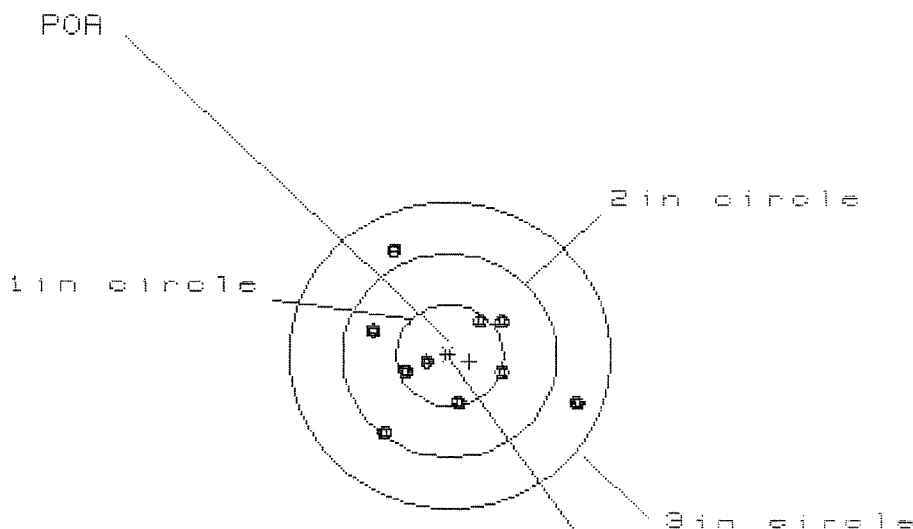
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.008	1.061	.955
MINIMUM X	-.903	-.850	-.939
MAXIMUM Y	1.350	1.022	.983
MINIMUM Y	-.559	-.409	-.448
CENTROID X	-.409	-.462	-.356
CENTROID Y	.231	.081	.120
FOR TO CENTROID in.	.470	.469	.375
MIN RADIUS	.339	.190	.256
MEAN RADIUS	.843	.736	.723
MAX RADIUS	1.430	1.075	.986
HORIZONTAL SPREAD	1.911	1.911	1.894
VERTICAL SPREAD	1.909	1.431	1.431
EXTREME SPREAD	2.273	1.971	1.913
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C6225073

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.885

VS= 1.836

GS= 2.232

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.137	.614	.562
MINIMUM X	:	-.748	-.621	-.673
MAXIMUM Y	:	1.063	1.018	.459
MINIMUM Y	:	-.773	-.818	-.691
CENTROID X	:	-.185	-.312	-.260
CENTROID Y	:	.058	.103	-.024
POA TO CENTROID in.	:	.194	.328	.261
MIN RADIUS	:	.196	.111	.122
MEAN RADIUS	:	.680	.612	.538
MAX RADIUS	:	1.209	1.099	.858
HORIZONTAL SPREAD	:	1.885	1.235	1.235
VERTICAL SPREAD	:	1.836	1.836	1.150
EXTREME SPREAD	:	2.232	1.837	1.553
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225073

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		9/1/94	RW
600	Proof		9/1/94	RW
607	Check Headspace		9/1/94	RW
610	Dis-assemble Gun		9/1/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/12/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/12/94	RW
	C) Inspect Ejector Hole for Chamfer		9/12/94	RW
	D) Oil Firing Pin Ass'y		9/12/94	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							
	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						9/12 OK	WLB
	A) Time						9/12	WLB
	B) Malfunctions						9/12 OK	WLB
	C) Pierced Primers						9/12 OK	WLB
	D) Optical Clarity of Scope						9/12 OK	WLB
645	Inspect for Live Ammo						9/12	WLB
655	Final Inspection							
	A) Headspace						9/14/94	RW
	B) Trigger Pull	2.45	2.44	2.43	2.46	2.46	9/14/94	RW
	C) Function						9/14/94	RW
660	Pack							