

C6225213

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6225213

ORDER NO.
5716

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

20



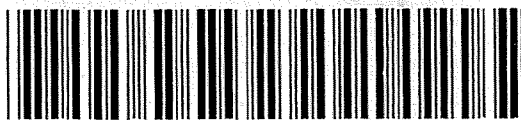
5716 C6225213

UPC



0 47700 25716 7

Repair Number: RE00112695	Serial: C6225213 Model: M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 5/23/2006 11:37:42 AM
Verify Repair			
Address Information			
Customer: ☒ Received From		Return To: ☐ Received From	
Name: DEPARTMENT OF THE ARMY		DEPARTMENT OF THE ARMY	
Address 1: A COMPANY 2ND BATTALION		A COMPANY 2ND BATTALION	
Address 2: 7TH SPECIAL FORCES GROUP PO Box:		7TH SPECIAL FORCES GROUP PO Box:	
City: FORT BRAGG		FORT BRAGG	
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US	
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Contact / Condition Problems Estimate History / Status Shipping / Billing			
Contact Information		Received Condition	
Phone: NA		Fair	
Fax:		Condition Notes:	
Email:		CSR Notes:	
Comments:			
Accessories Received			
Code	Desc	Qty	
A007	With Stud	3	
A010	Hard Case	1	
A017	Scope Base	1	
A057	Fit and Rear Sgt Base	1	
Repair Search Refresh Close			
nagleh 5/23/2006 1:24 PM CAPS NUM INS SCRL			
start 3 Micros... 2 Micros... 3 Intern... Part Search... Arms Servi... 1:24 PM			

Serial Number: **C6225213**Model: **M24 SWS****RE00112695**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225213.___1

FILE DATE AND TIME: 06/06/2006 07:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.036
The Average Y Centroid of the Five Target Set:	-0.242
The Average Point of Impact of the Five Target Set:	0.245
The Average Mean Radius of the Five Target Set:	0.832
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.153
The Distance from Centroid Target #3 to Centroid Target #1:	0.107
The Distance from Centroid Target #4 to Centroid Target #1:	0.286
The Distance from Centroid Target #5 to Centroid Target #1:	0.350

SERIAL NUMBER: C6225213. __1

TARGET NUMBER: 1

FILE DATE: 06/06/2006

FILE TIME: 07:37

POINT#	X	Y
1:	-0.418	-1.109
2:	-0.667	-0.958
3:	-1.074	-0.828
4:	-0.330	-0.690
5:	0.461	0.759
6:	0.286	0.936
7:	-0.125	0.622
8:	0.261	0.228
9:	0.558	0.184
10:	0.381	-0.011

X CENTROID: -0.067

Y CENTROID: -0.087

POA TO CENTROID: 0.109

HORZ SPREAD: 1.632

VERT SPREAD: 2.045

GROUP SPREAD: 2.227

MIN RADIUS: 0.454

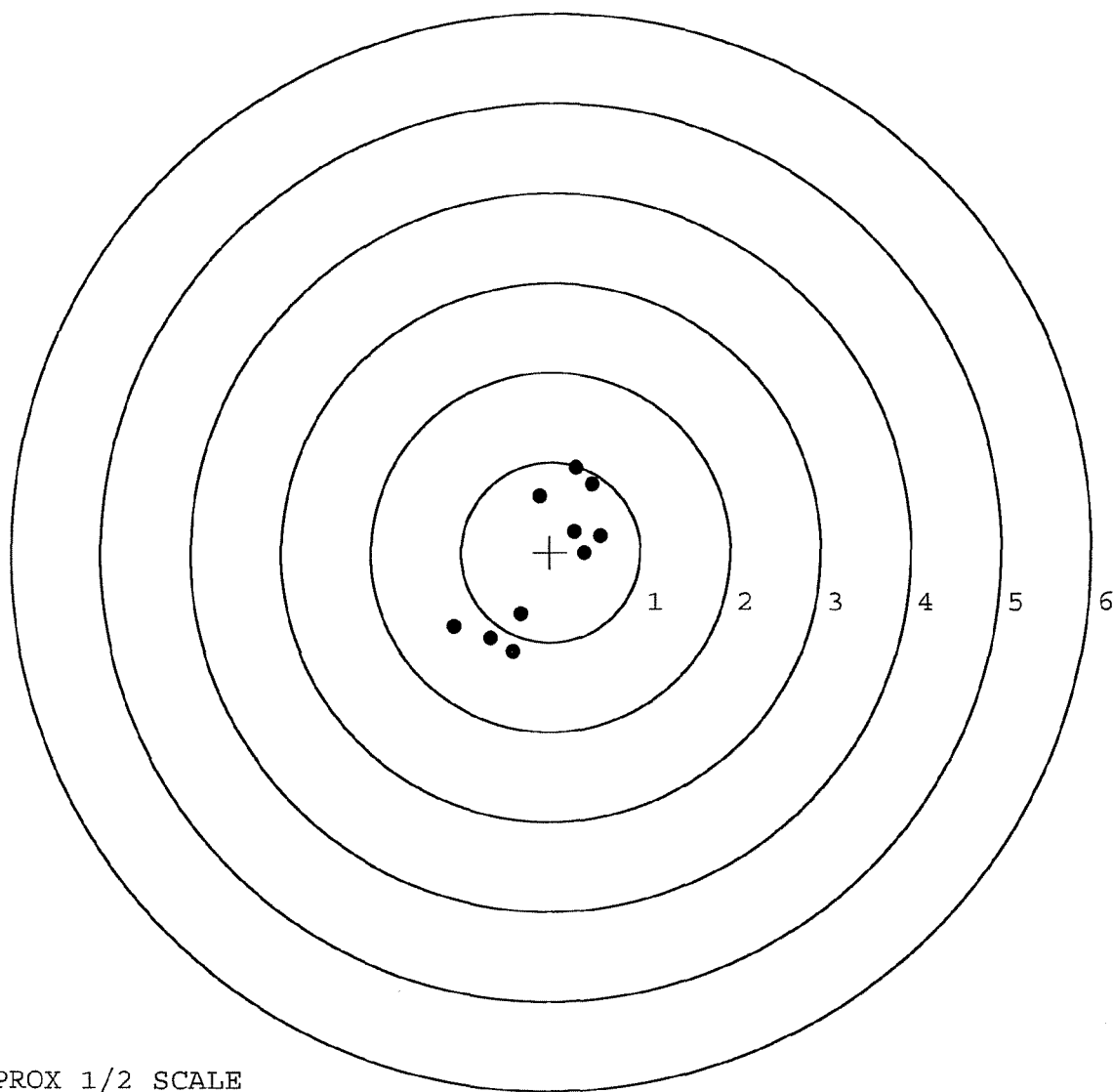
MAX RADIUS: 1.251

MEAN RADIUS: 0.843

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __1

TARGET NUMBER: 2

FILE DATE: 06/06/2006

FILE TIME: 07:37

POINT#	X	Y
1:	0.053	-1.702
2:	-0.237	-1.777
3:	-0.880	-1.669
4:	-0.393	1.823
5:	-0.589	0.741
6:	-0.432	0.467
7:	-0.288	0.114
8:	0.013	-0.105
9:	0.269	-0.015
10:	0.700	0.208

X CENTROID: -0.178

Y CENTROID: -0.192

POA TO CENTROID: 0.262

HORZ SPREAD: 1.580

VERT SPREAD: 3.600

GROUP SPREAD: 3.603

MIN RADIUS: 0.210

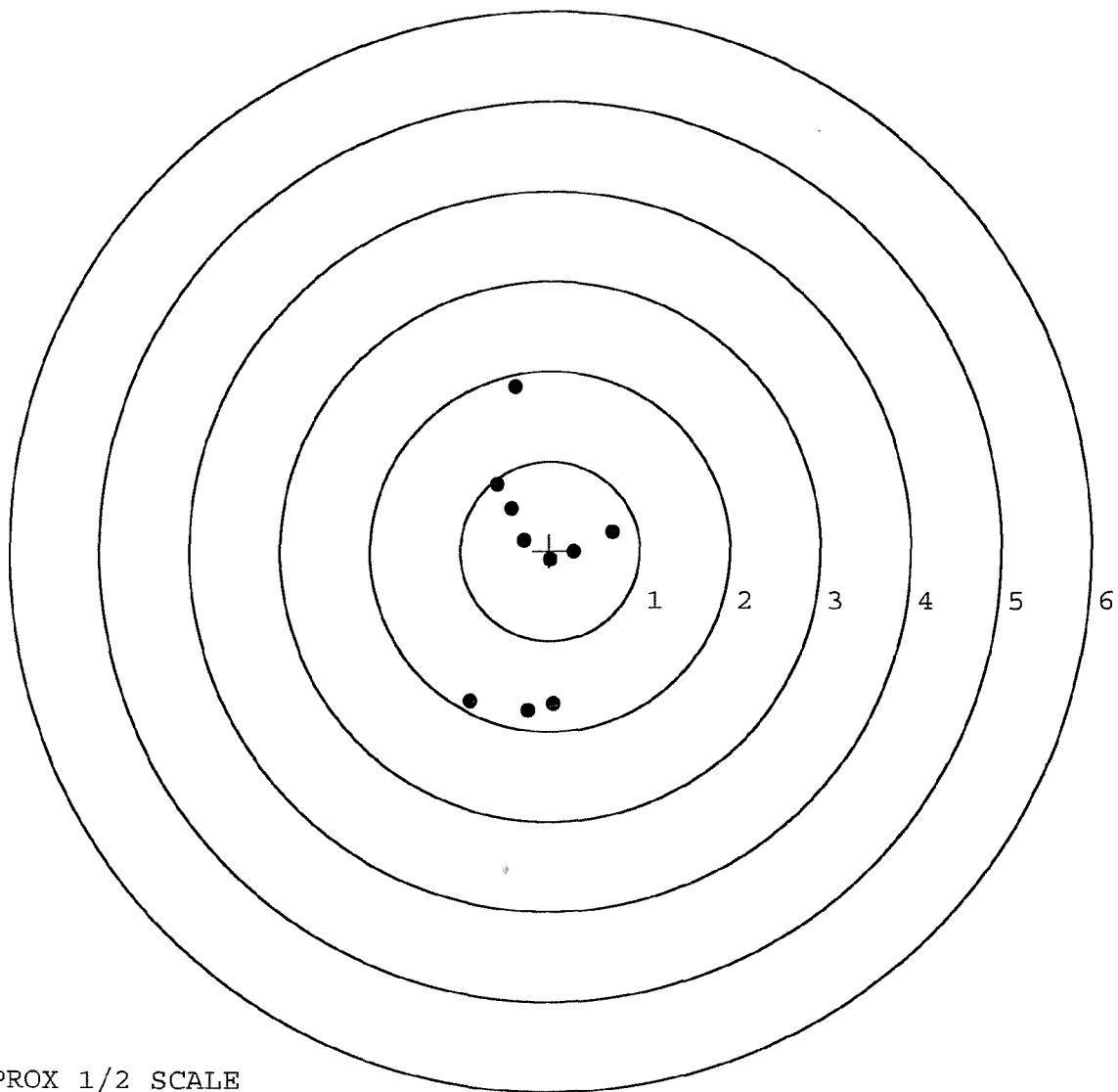
MAX RADIUS: 2.026

MEAN RADIUS: 1.048

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213.___1

TARGET NUMBER: 3

FILE DATE: 06/06/2006

FILE TIME: 07:37

POINT#	X	Y
1:	-0.373	0.920
2:	0.176	0.456
3:	-0.359	0.333
4:	-0.614	-0.510
5:	-0.143	-1.345
6:	0.511	-0.272
7:	0.354	-0.314
8:	0.035	-0.591
9:	-0.114	-0.422
10:	-0.299	-0.184

X CENTROID: -0.083

Y CENTROID: -0.193

POA TO CENTROID: 0.210

HORZ SPREAD: 1.125

VERT SPREAD: 2.265

GROUP SPREAD: 2.277

MIN RADIUS: 0.217

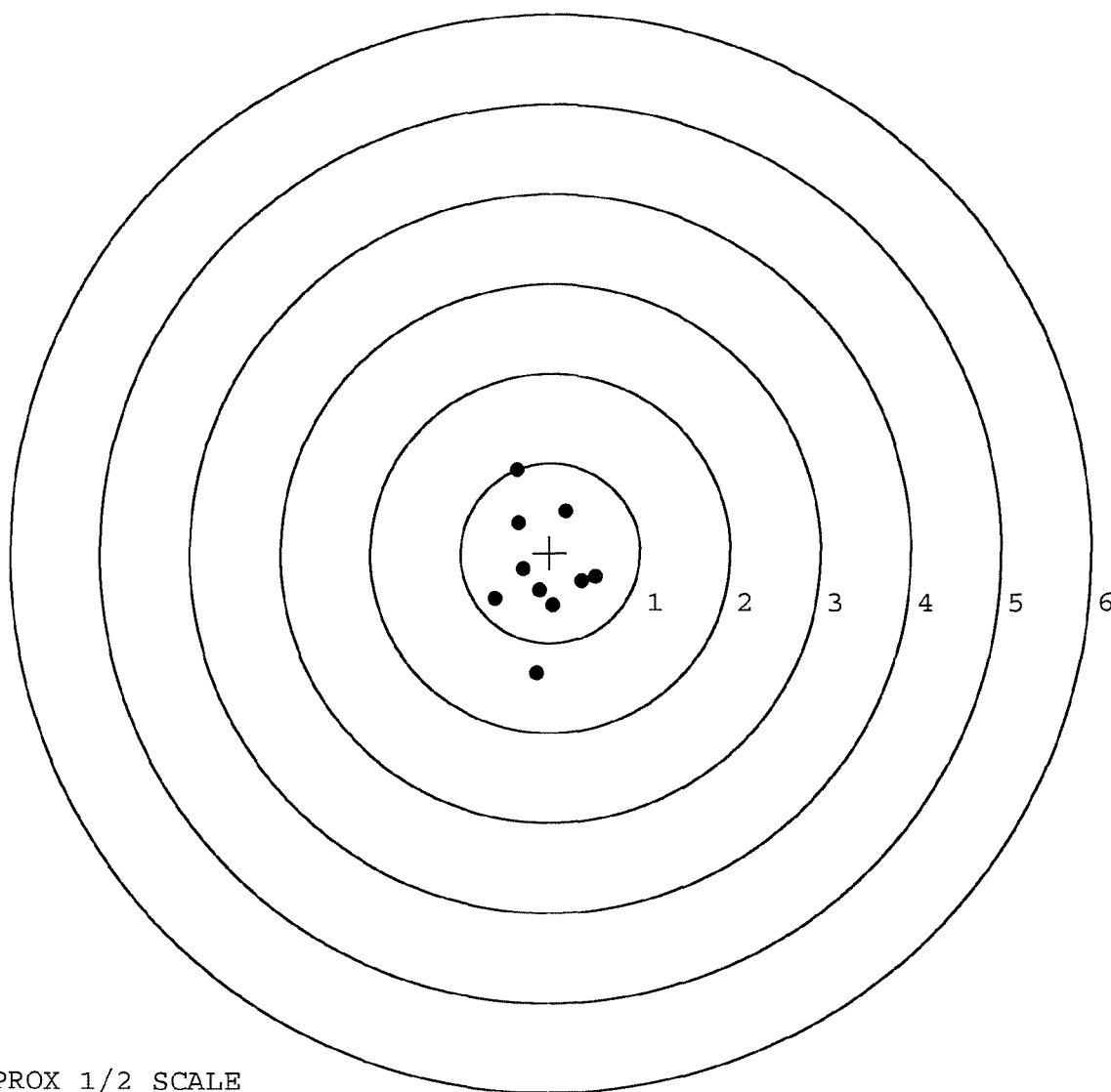
MAX RADIUS: 1.154

MEAN RADIUS: 0.613

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

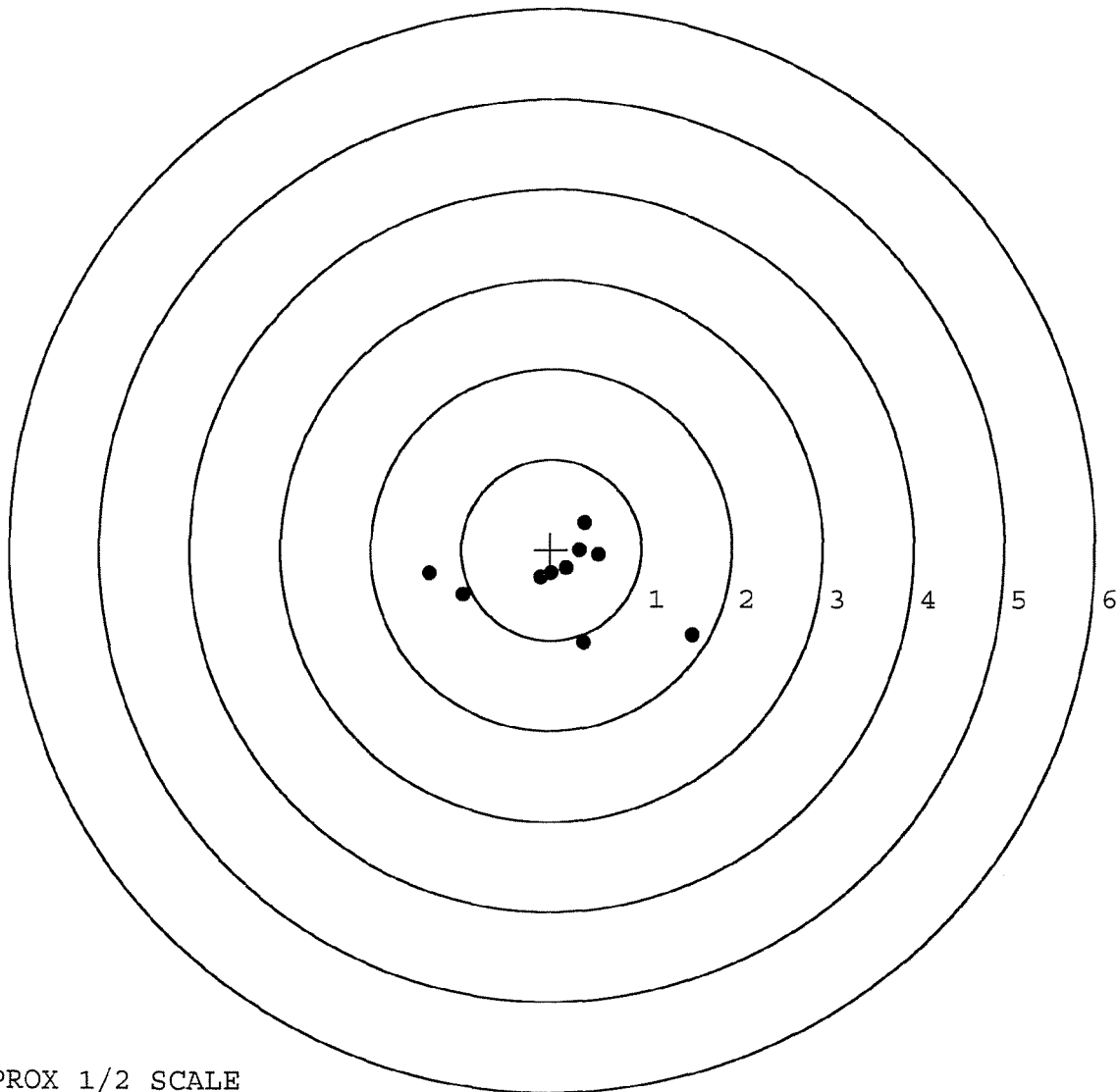


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __1
TARGET NUMBER: 4
FILE DATE: 06/06/2006
FILE TIME: 07:37

POINT#	X	Y
1:	1.562	-0.942
2:	0.364	-1.027
3:	0.530	-0.057
4:	0.372	0.304
5:	0.167	-0.207
6:	-0.118	-0.309
7:	-0.975	-0.506
8:	-1.348	-0.263
9:	-0.004	-0.261
10:	0.316	-0.013

X CENTROID: 0.087
Y CENTROID: -0.328
POA TO CENTROID: 0.339
HORZ SPREAD: 2.910
VERT SPREAD: 1.331
GROUP SPREAD: 2.988
MIN RADIUS: 0.113
MAX RADIUS: 1.598
MEAN RADIUS: 0.693
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

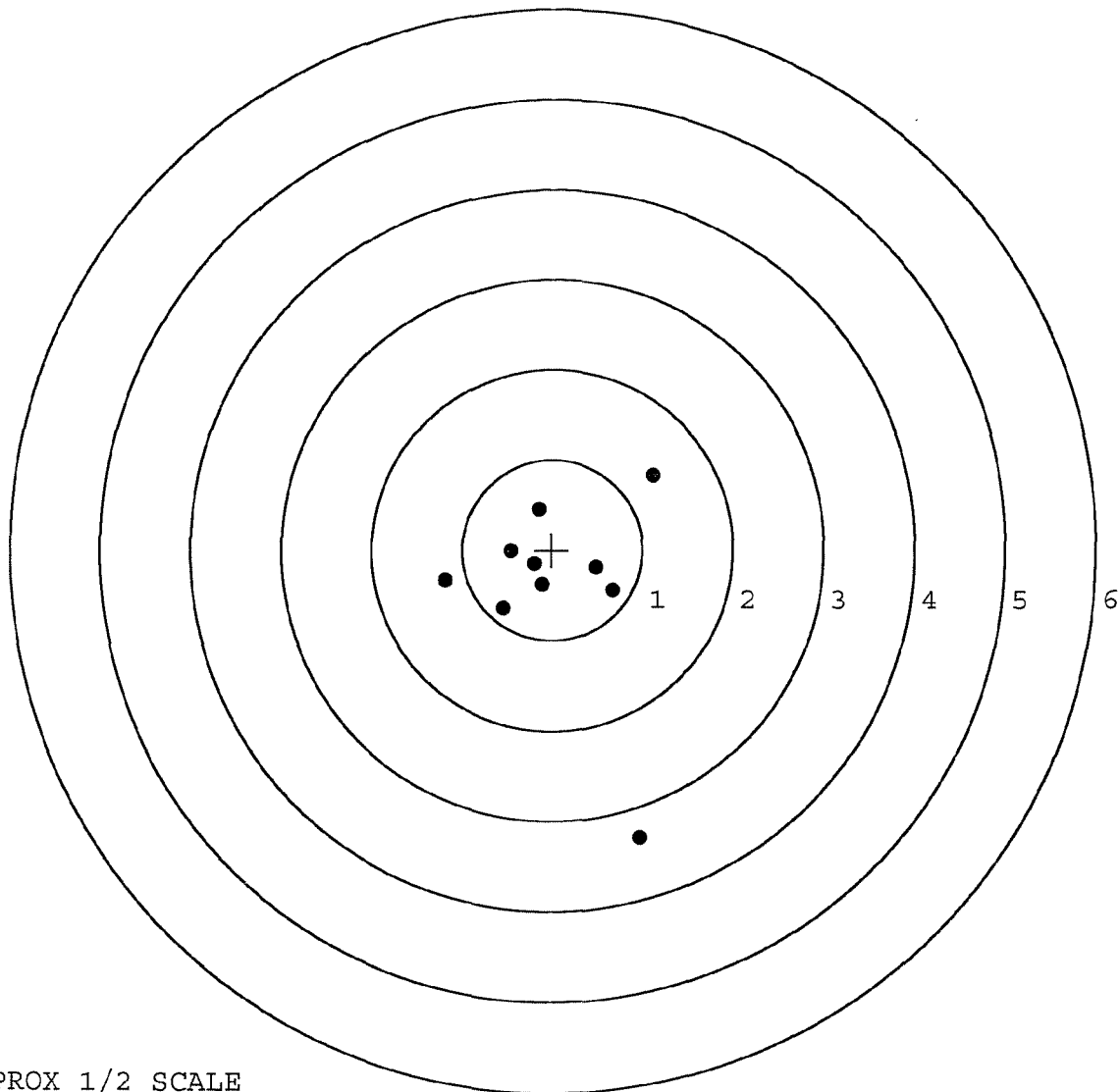


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __1
TARGET NUMBER: 5
FILE DATE: 06/06/2006
FILE TIME: 07:37

X CENTROID: 0.063
Y CENTROID: -0.412
POA TO CENTROID: 0.417
HORZ SPREAD: 2.300
VERT SPREAD: 4.013
GROUP SPREAD: 4.015
MIN RADIUS: 0.174
MAX RADIUS: 2.930
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.117	0.820
2:	0.674	-0.453
3:	0.493	-0.194
4:	-0.109	-0.389
5:	-0.197	-0.154
6:	-0.459	-0.012
7:	-0.147	0.448
8:	-0.541	-0.652
9:	-1.183	-0.342
10:	0.986	-3.193



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	112695		
SERIAL NUMBER	C6225213		
LOG-IN DATE	5-23-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-24-06	RTZ
505	RE-BARREL	5-26-06	RTZ
560	ASSEMBLE	5-30-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED 5-30-06	TRW
605	CHECK HEADSPACE	5-30-06	TRW
610	DIS-ASSEMBLE GUN	JUN 02 2006 6-1-06	RTZ
612	MAGNAFLUX	OPERATOR <u>C/PD</u> 6-2-06	APD
510	DRILL AND TAP	6-1-06	TRW
615	ROLLMARK CALIBER	6-2-06	CW
618	ROTO-BLAST	6-2-06	LB
620	APPLY COATINGS	6-2-06	FB
625	FINAL ASSEMBLY	6-6-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 6-6-06	TRW
650	TARGET	PASS FAIL 6-6-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-6-06	R.P.
	A) HEADSPACE	PASS FAIL 6-8-06	AC
	B) TRIGGER PULL	6-8-06	RA
		2.94 2.95 2.90 2.94 2.95	
680	F) SAFETY ON FORCE	5.5 5.5 5.5	RA
	G) SAFETY OFF FORCE	2.0 2.0 2.0	RA
	I) FIRING PIN INDENT	.020 .020 .020	RA
690	PACK	6-9-06	RA

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: **RE00042739** Serial: C6225213 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 3/4/02 4:45:32 PM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

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

Address 1: **HSC 2/7 SFG (A)** **HSC 2/7 SFG (A)**

Address 2: **PO Box:** **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

inagle 3/11/02 6:49 AM CAPS NUM INS SCPL

Start Inbox - Microsoft Outlook Arms Services Repair... 6:49 AM

Serial Number: **C6225213**

Model: **700**



RE00042739

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

R & E NUMBER 42739			
SERIAL NUMBER C6225213			
LOG-IN DATE 3/4/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/16/02	BWT
560 A	RE-BARREL AT CUSTOM SHOP	3/18/02	BWT
B	DRILL AND TAP	3/18/02	BWT
C	POLISH		
575	ASSEMBLE	3/18/02	BWT
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		OPERATOR
615	ROLLMARK CALIBER	3/19/02	JLD
618	ROTO-BLAST		
620	APPLY COATINGS	3-21	TA
625 A	FINAL ASSEMBLY	3-22-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-25-02	TRW
655	FINAL INSPECT	3/26/02	BWT
660	PACK	3/26/02	TA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225213.___0
FILE DATE AND TIME: 03/25/2002 02:48

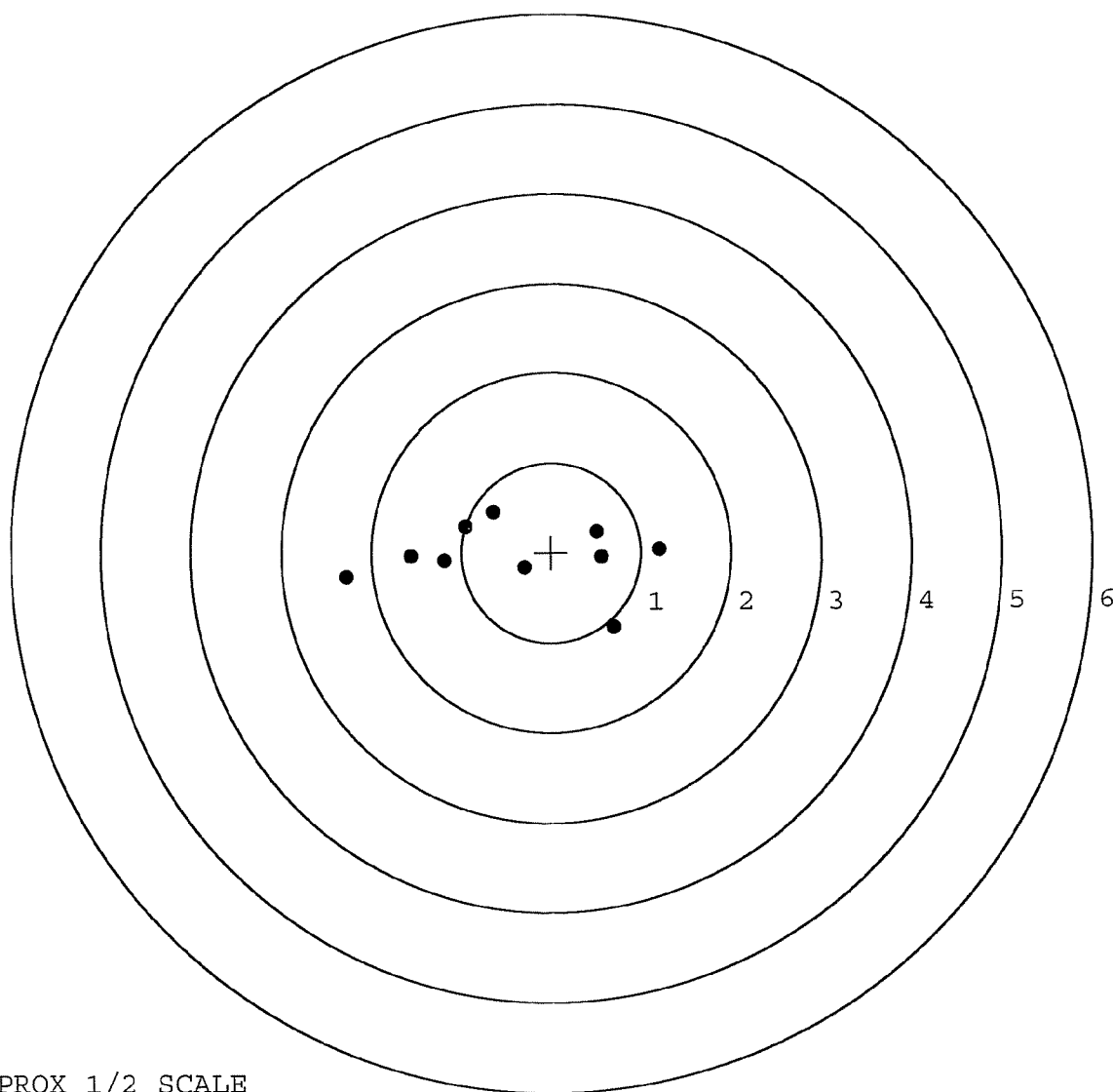
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.213
The Average Y Centroid of the Five Target Set:	-0.032
The Average Point of Impact of the Five Target Set:	0.216
The Average Mean Radius of the Five Target Set:	0.661
The Distance from POA to Centroid Target #1:	0.397
The Distance from Centroid Target #2 to Centroid Target #1:	0.304
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

SERIAL NUMBER: C6225213.___0
TARGET NUMBER: 1
FILE DATE: 03/25/2002
FILE TIME: 02:48

POINT#	X	Y
1:	0.696	-0.834
2:	1.205	0.033
3:	0.566	-0.058
4:	0.512	0.228
5:	-0.295	-0.169
6:	-0.642	0.458
7:	-0.957	0.298
8:	-1.193	-0.092
9:	-1.565	-0.036
10:	-2.275	-0.265

X CENTROID: -0.395
Y CENTROID: -0.044
POA TO CENTROID: 0.397
HORZ SPREAD: 3.480
VERT SPREAD: 1.292
GROUP SPREAD: 3.493
MIN RADIUS: 0.160
MAX RADIUS: 1.893
MEAN RADIUS: 1.010
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

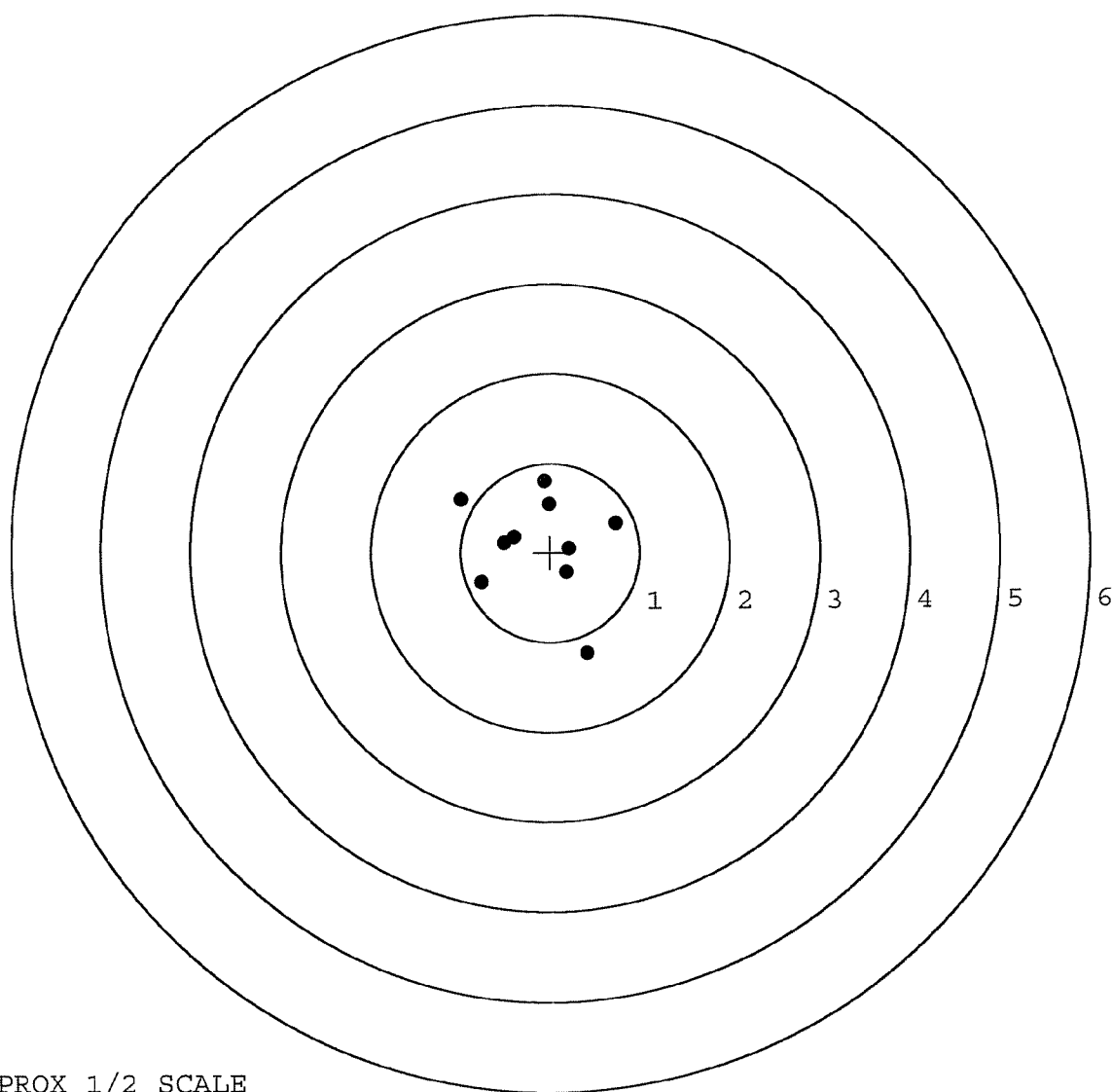


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __0
TARGET NUMBER: 2
FILE DATE: 03/25/2002
FILE TIME: 02:48

X CENTROID: -0.122
Y CENTROID: 0.091
POA TO CENTROID: 0.152
HORZ SPREAD: 1.730
VERT SPREAD: 1.935
GROUP SPREAD: 2.235
MIN RADIUS: 0.297
MAX RADIUS: 1.335
MEAN RADIUS: 0.666
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.412	-1.133
2:	0.734	0.326
3:	-0.996	0.603
4:	-0.768	-0.339
5:	-0.516	0.113
6:	-0.061	0.802
7:	-0.008	0.545
8:	0.207	0.042
9:	0.183	-0.227
10:	-0.406	0.179

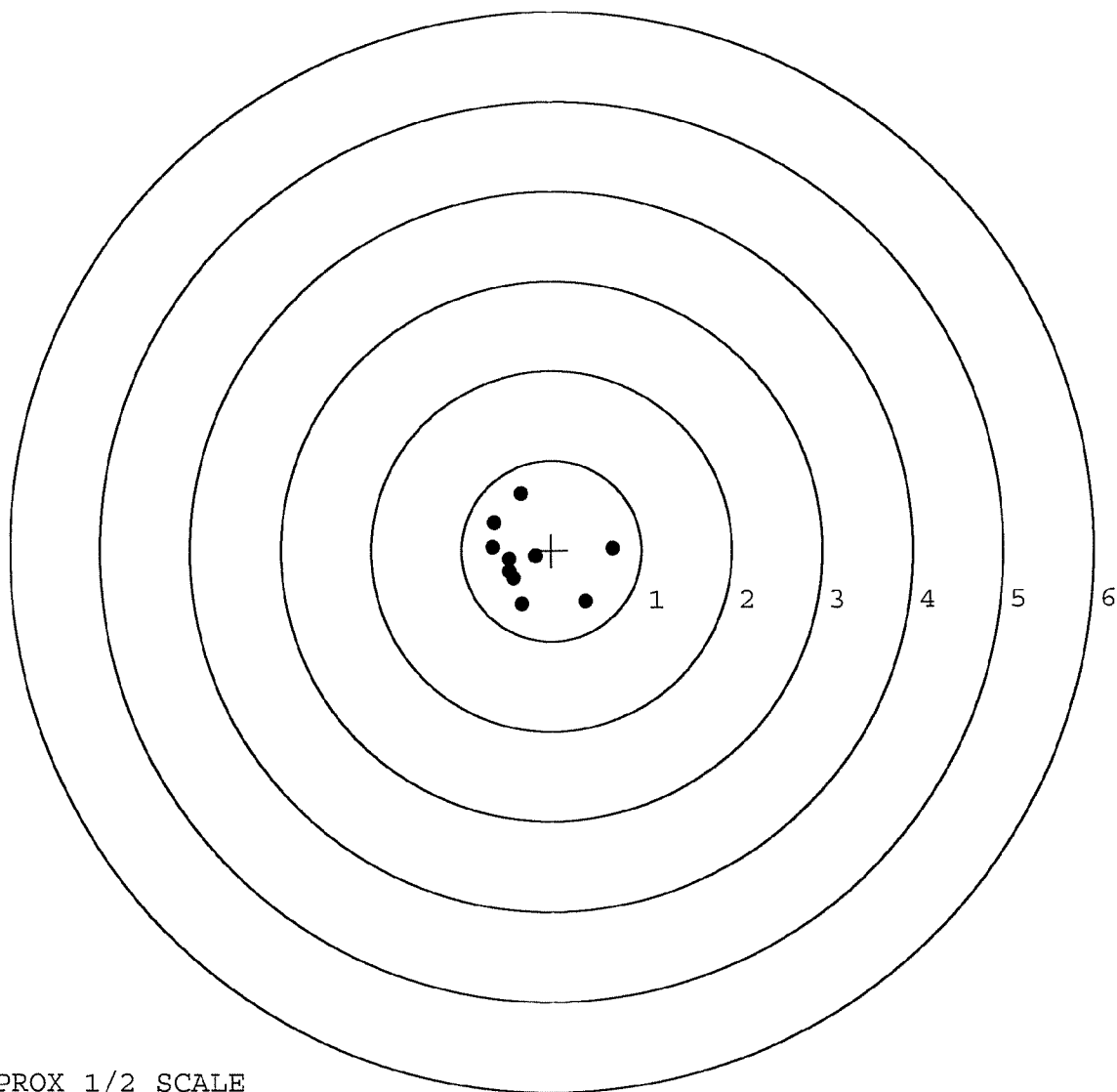


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __0
TARGET NUMBER: 3
FILE DATE: 03/25/2002
FILE TIME: 02:48

POINT#	X	Y
1:	0.377	-0.569
2:	0.684	0.016
3:	-0.328	-0.597
4:	-0.424	-0.309
5:	-0.175	-0.072
6:	-0.634	0.313
7:	-0.660	0.038
8:	-0.339	0.632
9:	-0.471	-0.102
10:	-0.473	-0.237

X CENTROID: -0.244
Y CENTROID: -0.089
POA TO CENTROID: 0.260
HORZ SPREAD: 1.344
VERT SPREAD: 1.229
GROUP SPREAD: 1.351
MIN RADIUS: 0.071
MAX RADIUS: 0.934
MEAN RADIUS: 0.481
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

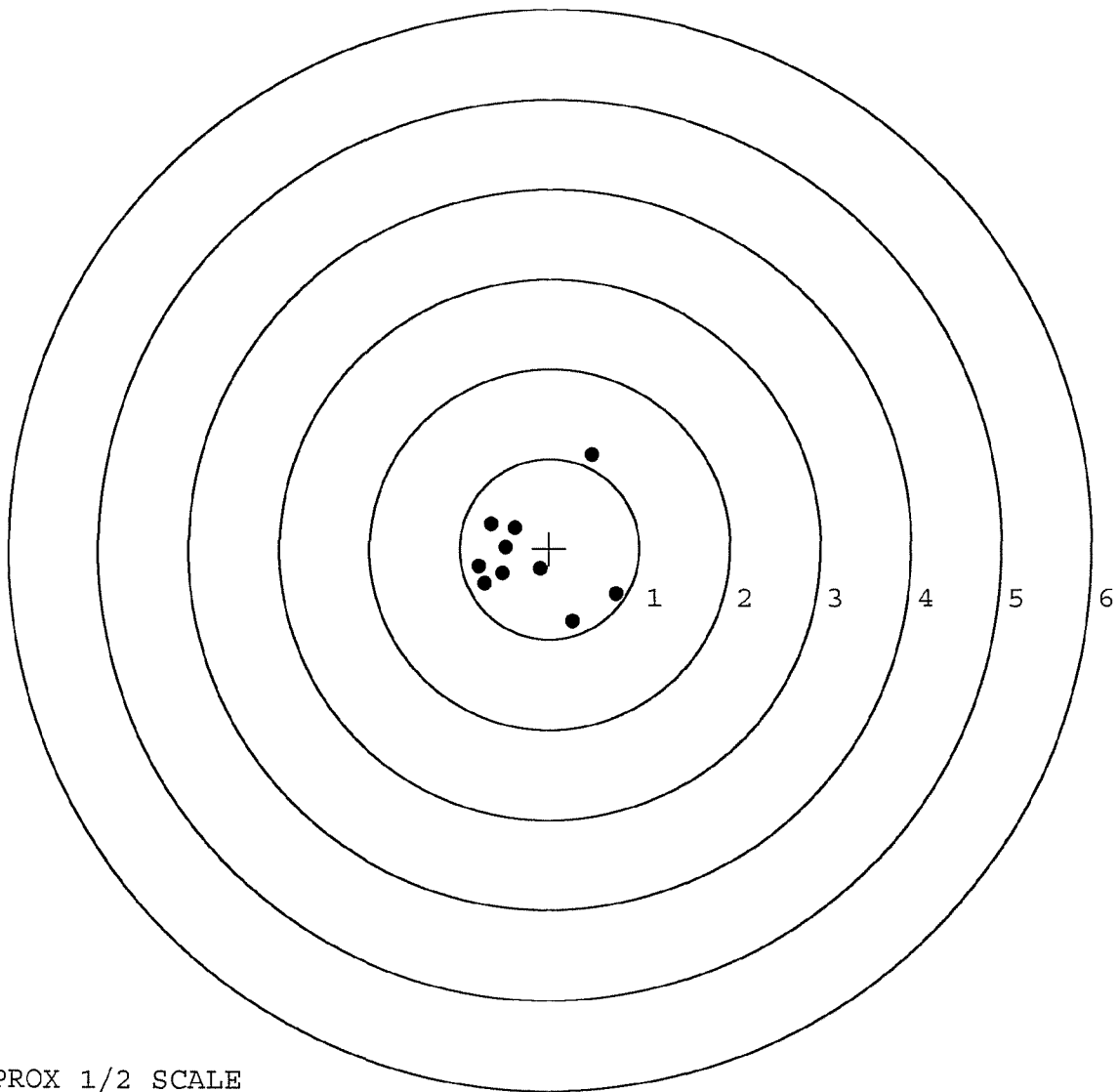


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __0
TARGET NUMBER: 4
FILE DATE: 03/25/2002
FILE TIME: 02:48

POINT#	X	Y
1:	0.740	-0.509
2:	0.257	-0.810
3:	0.470	1.046
4:	-0.657	0.278
5:	-0.387	0.230
6:	-0.487	0.017
7:	-0.101	-0.228
8:	-0.788	-0.196
9:	-0.520	-0.275
10:	-0.720	-0.392

X CENTROID: -0.219
Y CENTROID: -0.084
POA TO CENTROID: 0.235
HORZ SPREAD: 1.528
VERT SPREAD: 1.856
GROUP SPREAD: 1.868
MIN RADIUS: 0.186
MAX RADIUS: 1.324
MEAN RADIUS: 0.616
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

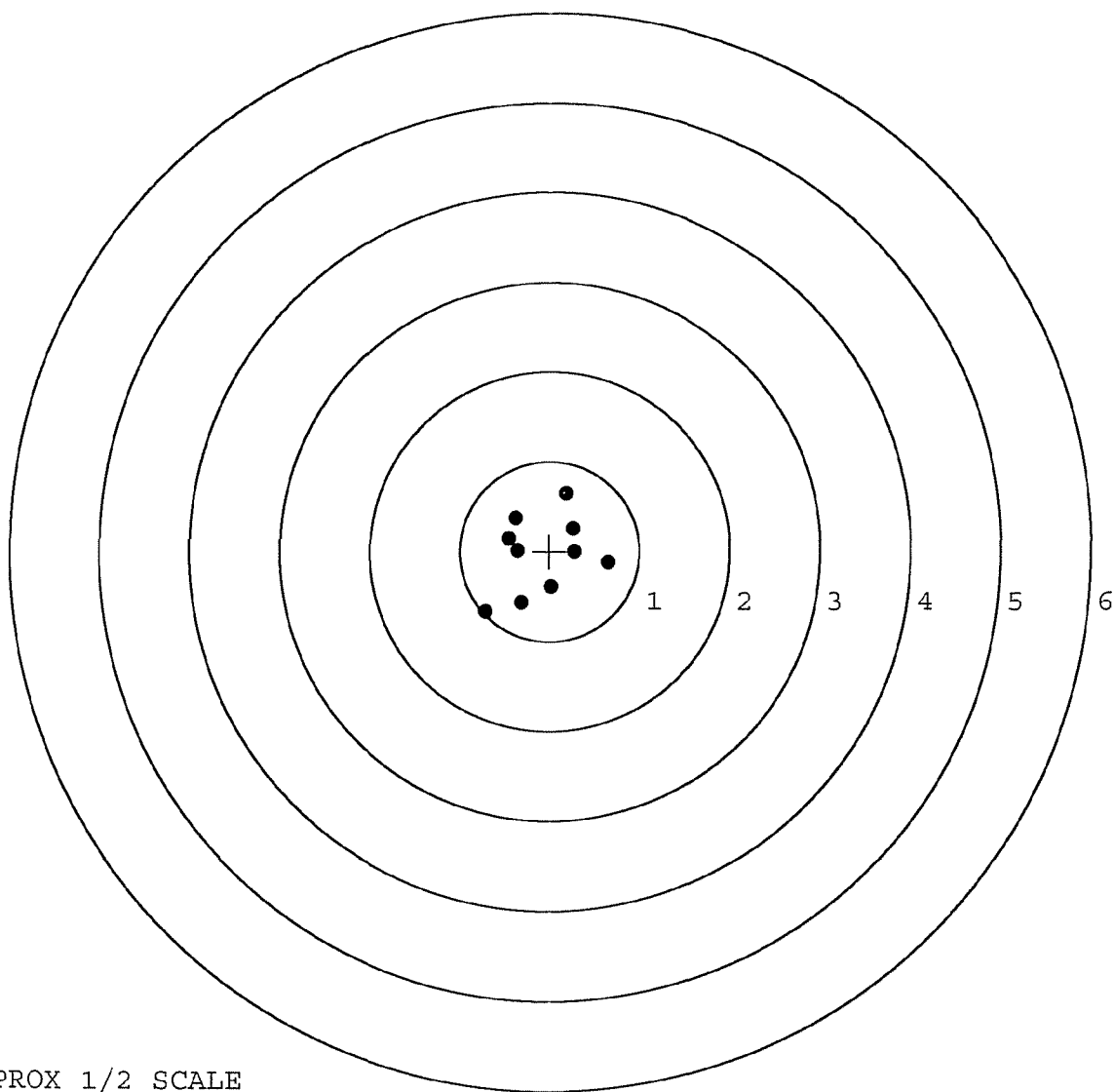


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225213. __0
TARGET NUMBER: 5
FILE DATE: 03/25/2002
FILE TIME: 02:48

POINT#	X	Y
1:	-0.718	-0.668
2:	-0.319	-0.569
3:	0.014	-0.398
4:	0.657	-0.129
5:	0.181	0.640
6:	-0.384	0.369
7:	-0.455	0.141
8:	-0.358	0.012
9:	0.274	-0.012
10:	0.254	0.247

X CENTROID: -0.085
Y CENTROID: -0.037
POA TO CENTROID: 0.093
HORZ SPREAD: 1.375
VERT SPREAD: 1.308
GROUP SPREAD: 1.587
MIN RADIUS: 0.277
MAX RADIUS: 0.894
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225213

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RK.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1-30	G.E.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	ISA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/15/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/15/89	RW
	C) Inspect Ejector Hole for Chamfer		2/15/89	RW
	D) Oil Firing Pin Ass'y		2/15/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		169/1/89	JSB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			17 Feb 89	JS
	G) Safety Off Force	3	3	3			17 Feb 89	JS
	H) Trigger Pull Test & Retainability						16 Feb 89	JS
	I) Firing Pin Indent	.0205	.0205	.0205			17 Feb 89	JS
	J) Assemble Stock						2/20/89	RW
	K) Assemble Swivel Studs						22 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/20/89	RW
	M) Iron Sight Alignment						2/20/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/20/89	RW
	O) Attach Scope to Rifle						20 Feb 89	JS
	P) Detach & Attach Scope 20 Times						20 Feb 89	JS
640	Gallery Target & Test	67 R	86 L				2/21/89	DH
	A) Time						2/21/89	DH
	B) Malfunctions						2/21/89	DH
	C) Pierced Primers						2/21/89	DH
	D) Optical Clarity of Scope						2/21/89	DH
645	Inspect for Live Ammo						2/21/89	DH
655	Final Inspection							
	A) Headspace						22 Feb 89	JS
	B) Trigger Pull	2.56	2.54	2.58	2.55	2.56	22 Feb 89	JS
	C) Function						22 Feb 89	JS
660	Pack						23 Mar 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. 5513

DATE 4/3/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.41	2.26	2.30	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.27	2.19	
PULL #3	2.33	2.24	2.18	
PULL #4	2.22	2.22	2.25	
PULL #5	2.20	2.24	2.21	
TOTAL	11.42	11.23	11.13	
AVG.	2.08	2.24	2.22	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.14	3.26	
PULL #2	3.08	3.12	
PULL #3	3.17	3.16	
PULL #4	3.16	3.08	
PULL #5	3.18	3.08	
TOTAL	15.73	15.70	
AVG.	3.14	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.14		
PULL #2	4.18	4.15		
PULL #3	4.21	4.15		
PULL #4	4.18	4.08		
PULL #5	4.22	4.09		
TOTAL	21.04	20.57		
AVG.	4.21	4.13		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225213
22 Feb 1989

CENTROIDAL DISTANCES

0 TO 1	.925648
1 TO 2	.658153
1 TO 3	.658034
1 TO 4	.807062
1 TO 5	.859098

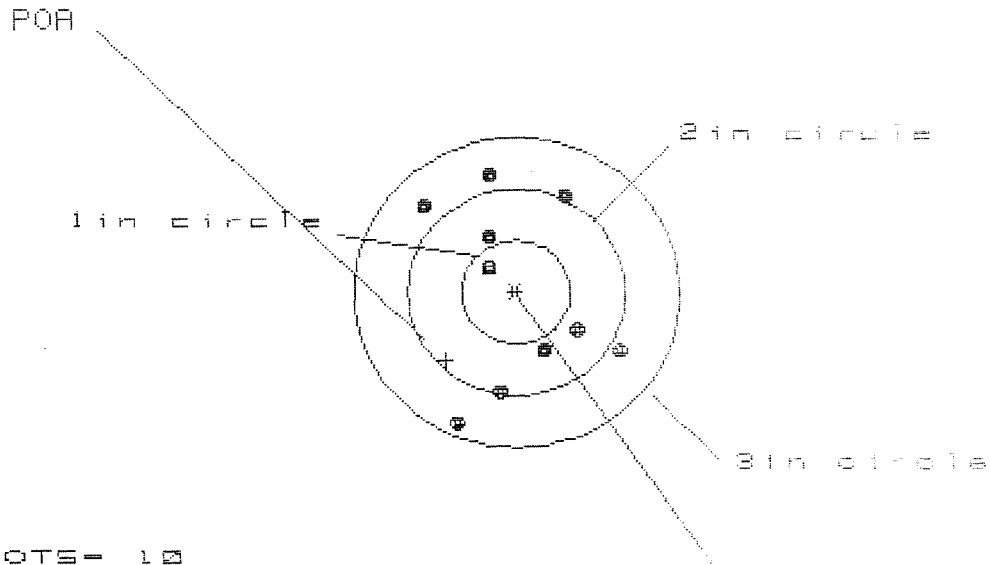
1
+ 23 45 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6876
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .692615
THE AMR FOR THIS RIFLE IS: .8632

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225213

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 1.761

VS= 2.392

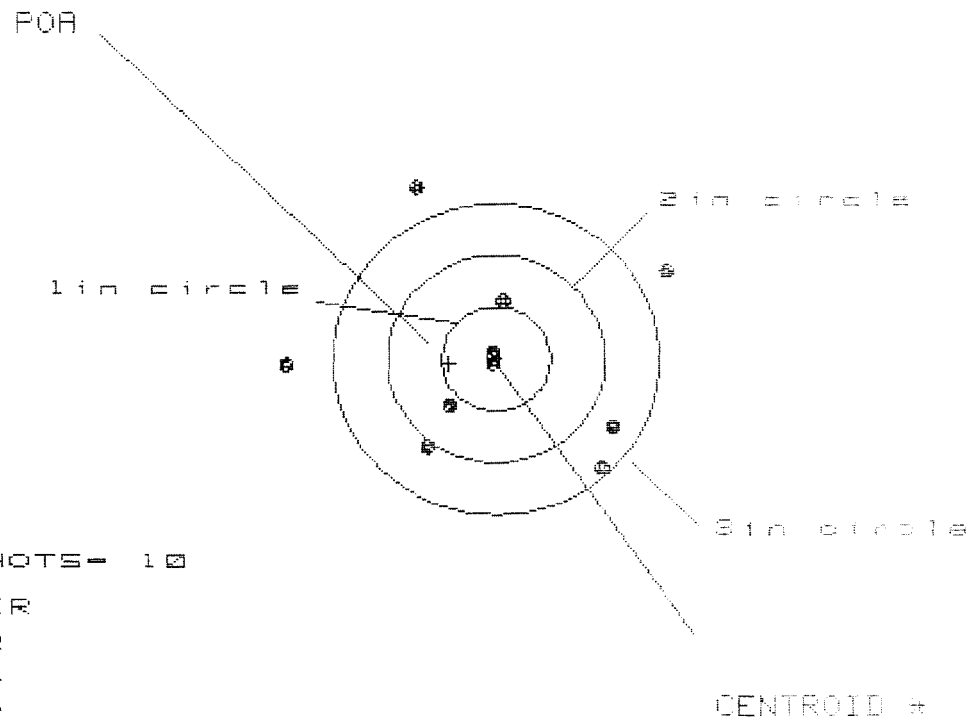
GS= 2.400

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.946	.889	.780
MINIMUM X	:	-.815	-.872	-.405
MAXIMUM Y	:	1.127	.986	1.077
MINIMUM Y	:	-1.265	-1.067	-.976
CENTROID X	:	.648	.705	.814
CENTROID Y	:	.661	.802	.711
POA TO CENTROID in.	:	.926	1.068	1.081
MIN RADIUS	:	.363	.320	.459
MEAN RADIUS	:	.903	.837	.799
MAX RADIUS	:	1.366	1.144	1.150
HORIZONTAL SPREAD	:	1.761	1.761	1.185
VERTICAL SPREAD	:	2.392	2.053	2.053
EXTREME SPREAD	:	2.400	2.277	2.076
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225213

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.479

VS= 2.678

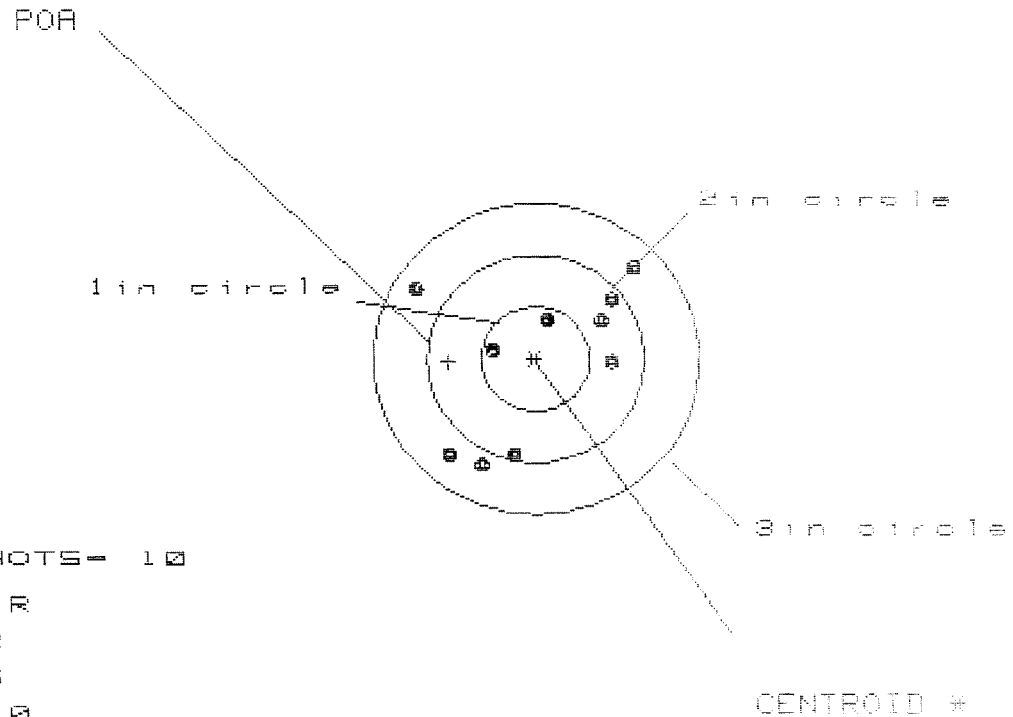
GS= 3.599

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.591	1.381	1.053
MINIMUM X	:	-1.888	-.921	-.748
MAXIMUM Y	:	1.622	1.618	1.728
MINIMUM Y	:	-1.056	-1.060	-.950
CENTROID X	:	.438	.648	.467
CENTROID Y	:	.040	.044	-.066
POA TO CENTROID in.	:	.432	.642	.472
MIN RADIUS	:	.029	.217	.077
MEAN RADIUS	:	1.057	.997	.865
MAX RADIUS	:	1.889	1.862	1.883
HORIZONTAL SPREAD	:	3.479	2.302	1.801
VERTICAL SPREAD	:	2.678	2.678	2.678
EXTREME SPREAD	:	3.599	3.153	3.153
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225213

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.016

VS = 1.840

GS = 2.442

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.910	.787	.676
MINIMUM X	:	-1.106	-.911	-.813
MAXIMUM Y	:	.842	.913	.775
MINIMUM Y	:	-.998	-.927	-.813
CENTROID X	:	.801	.924	.820
CENTROID Y	:	.021	-.050	-.164
POA TO CENTROID in.	:	.802	.926	.842
MIN RADIUS	:	.378	.439	.485
MEAN RADIUS	:	.894	.846	.886
MAX RADIUS	:	1.280	1.241	1.091
HORIZONTAL SPREAD	:	2.016	1.698	1.489
VERTICAL SPREAD	:	1.840	1.840	1.588
EXTREME SPREAD	:	2.442	2.442	2.105
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

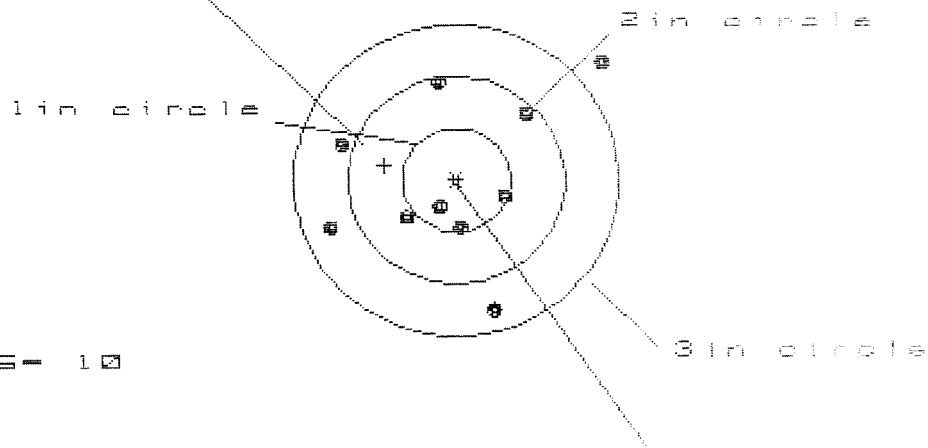
22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225213

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.524

VS= 2.353

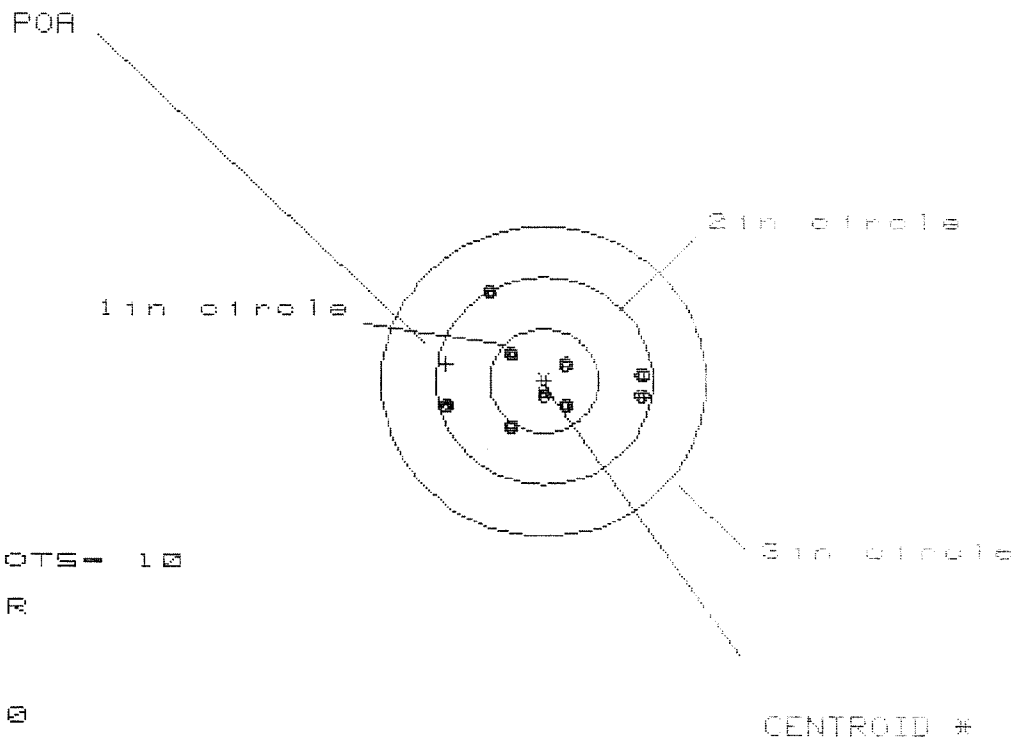
GS= 2.975

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.355	.831	.896
MINIMUM X	:	-1.169	-1.019	-.954
MAXIMUM Y	:	1.102	1.045	.904
MINIMUM Y	:	-1.251	-1.128	-.492
CENTROID X	:	.658	.508	.443
CENTROID Y	:	-.146	-.269	-.128
POA TO CENTROID in.	:	.674	.574	.461
MIN RADIUS	:	.292	.141	.284
MEAN RADIUS	:	.908	.780	.743
MAX RADIUS	:	1.747	1.243	1.093
HORIZONTAL SPREAD	:	2.524	1.850	1.850
VERTICAL SPREAD	:	2.353	2.173	1.896
EXTREME SPREAD	:	2.975	2.239	2.160
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225213

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 5

2in = 9

3in = 10

HS= 1.811

VS= 1.283

GS= 1.839

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.938	.879	.907
MINIMUM X	:	-.873	-.932	-.822
MAXIMUM Y	:	.865	.333	.352
MINIMUM Y	:	-.418	-.322	-.302
CENTROID X	:	.901	.960	.850
CENTROID Y	:	-.160	-.256	-.275
POA TO CENTROID in.	:	.915	.993	.893
MIN RADIUS	:	.157	.112	.039
MEAN RADIUS	:	.554	.485	.415
MAX RADIUS	:	1.012	.946	.909
HORIZONTAL SPREAD	:	1.811	1.811	1.729
VERTICAL SPREAD	:	1.283	.655	.655
EXTREME SPREAD	:	1.839	1.839	1.702
NUMBER IN ONE INCH CIRCLE =	:	5		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	10		

BBL - 96003

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: **RE00008601** Serial: **C6225213** Model **700** Center Fire Caliber: **7.62 M-24 (SWS)** Repairman: Status: **Closed 4/27/00 9:30:06 AM**

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **2/7TH SPECIAL FORCES GROUP (A)** **2/7TH SPECIAL FORCES GROUP (A)**

Address 1: **ATTN: S4, BLDG. E-3323** **ATTN: S4, BLDG. E-3323**

Address 2: **PO Box:** **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Date	Code	User ID	Desc1
4/27/00 9:28:49	New	fortte	Repair Added
4/27/00 9:30:06	Closed	fortte	Closed at Expedite

☐ Shipping Hold ☐ InterFace Hold ☐ Estimate Sent ☐ Parts Received ☐ Passed Inspection ☐ Return As Received ☐ Has been Approved ☐ Internal Repair

Current Status: **Closed**
4/27/00 9:30:06 AM
fortte
Sniper Systems

Repair Location: **ILN**
Current Location: **ILN**

Repair Search Refresh Close

nagletj 4/27/00 1:09 PM CAPS NUM INS SCRL

Start Inb... Na... SA... Ek... Mi... Ar... Par... Mi... Pri... Re... 1:09 PM

Scope S/N 88-0523

Bi-pod

Serial Number: **C6225213**

Model: **700**



RE00008601

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

R & E NUMBER			
SERIAL NUMBER			
LOG-IN DATE			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-15-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	5-22-00	RW
605	CHECK HEADSPACE	5-22-00	RW
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	5-21-00	RW
655	FINAL INSPECT	5-25-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.N.:

DATE REC'D:

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225213
24 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.342
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.291
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .449049

THE AMR FOR THIS RIFLE IS: 1.177

CENTROIDAL DISTANCES

0 TO	1	.508099
1 TO	2	.201757
1 TO	3	.104389
1 TO	4	.454612
1 TO	5	.492468

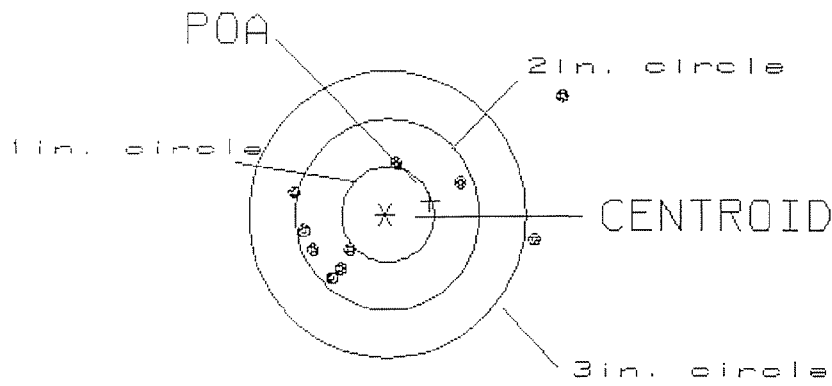
1 2 + <----POA
3
4 5

PATTERN #: 1
 POA TO CENTROID: .508
 MIN RADIUS : .581
 MEAN RADIUS : 1.048
 MAX RADIUS : 2.270
 CENTROID X : -.489
 CENTROID Y : -.138

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225213

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.97

0

VS= 1.89

7

GS= 3.19

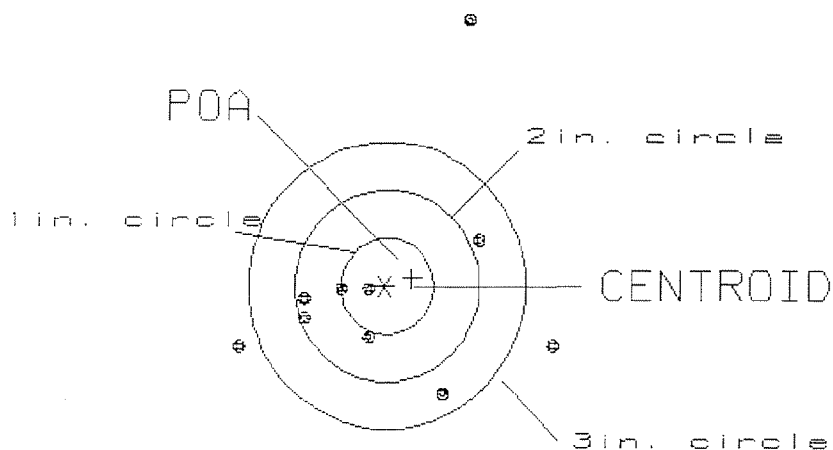
8

PATTERN #: 2
 POA TO CENTROID: .307
 MIN RADIUS : .177
 MEAN RADIUS : 1.210
 MAX RADIUS : 2.956
 CENTROID X : -.298
 CENTROID Y : -.073

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225213

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.41

2

US= 3.91

5

GS= 4.27

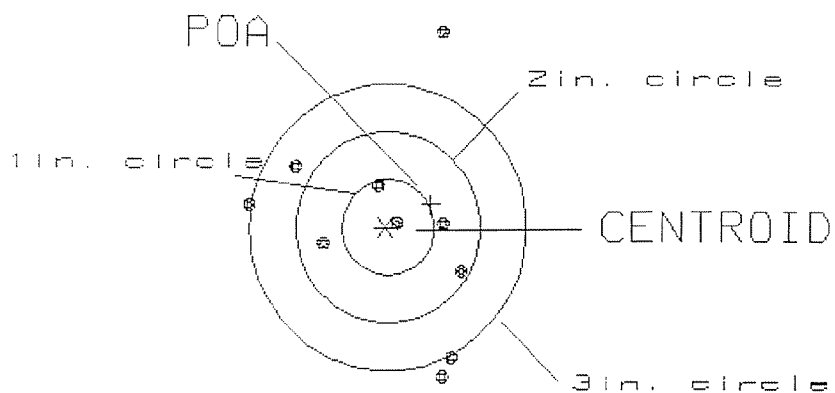
7

PATTERN #: 3
 POA TO CENTROID: .553
 MIN RADIUS : .116
 MEAN RADIUS : 1.081
 MAX RADIUS : 2.083
 CENTROID X : -.497
 CENTROID Y : -.242

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225213

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.32

1

VS= 3.56

5

GS= 3.56

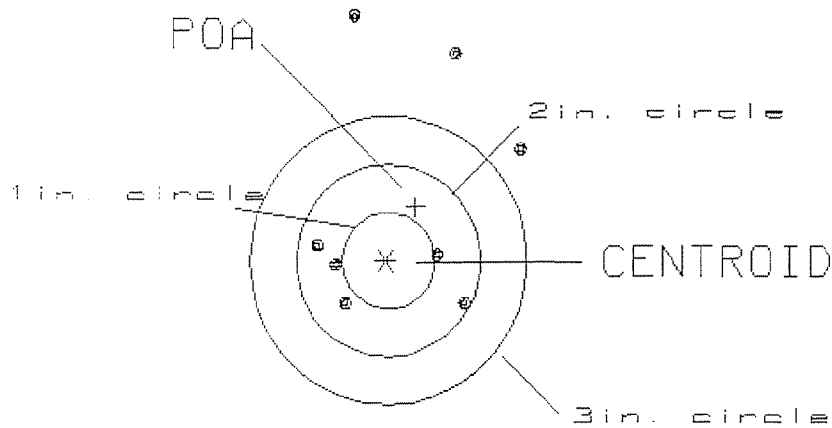
7

PATTERN #: 4
 POA TO CENTROID: .649
 MIN RADIUS : .529
 MEAN RADIUS : 1.583
 MAX RADIUS : 2.944
 CENTROID X : -.325
 CENTROID Y : -.562

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225213

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.35

0

VS= 5.44

5

GS= 5.49

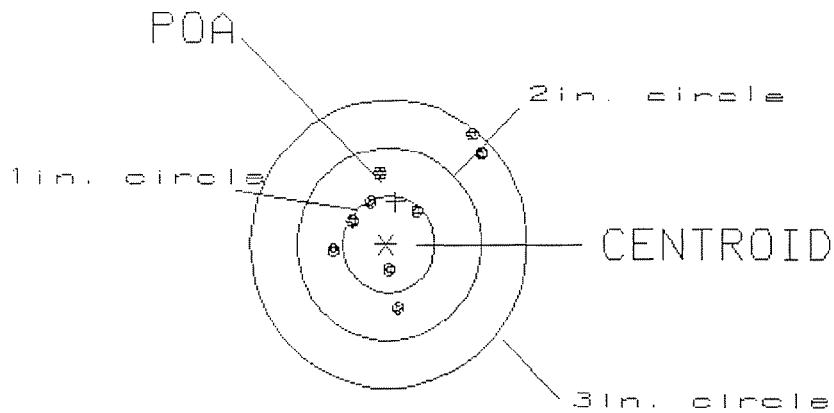
5

PATTERN #: 5
 POA TO CENTROID: .451
 MIN RADIUS : .277
 MEAN RADIUS : .961
 MAX RADIUS : 3.049
 CENTROID X : -.100
 CENTROID Y : -.440

24 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225213

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 1.96	3
VS= 4.01	7
GS= 4.41	9