

C6523426

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington.

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: **RE00089031** Serial: C6523426 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 12/6/2004 7:55:41 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **DEF DIST DEPOT ANNISTON AL** **DEF DIST DEPOT ANNISTON AL**

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

City: **ANNISTON** **ANNISTON**

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

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **NA** Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A006	Sling Strap	1
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope w/case	1
A055	Deployment Kit	1

Repair Search Refresh Close

negleli 12/6/2004 8:52 AM CAPS NUM JING SCRL

start 2 2 2 2 2 2 2 2

Serial Number: **C6523426**

Model: **M24 SWS**



RE00089031

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523426.___0
FILE DATE AND TIME: 01/06/2005 07:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.062
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.793
The Distance from POA to Centroid Target #1:	0.018
The Distance from Centroid Target #2 to Centroid Target #1:	0.122
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.181
The Distance from Centroid Target #5 to Centroid Target #1:	0.170

SERIAL NUMBER: C6523426.___0

TARGET NUMBER: 1

FILE DATE: 01/06/2005

FILE TIME: 07:21

X CENTROID: 0.018

Y CENTROID: -0.003

POA TO CENTROID: 0.018

HORZ SPREAD: 2.131

VERT SPREAD: 2.658

GROUP SPREAD: 2.979

MIN RADIUS: 0.240

MAX RADIUS: 2.103

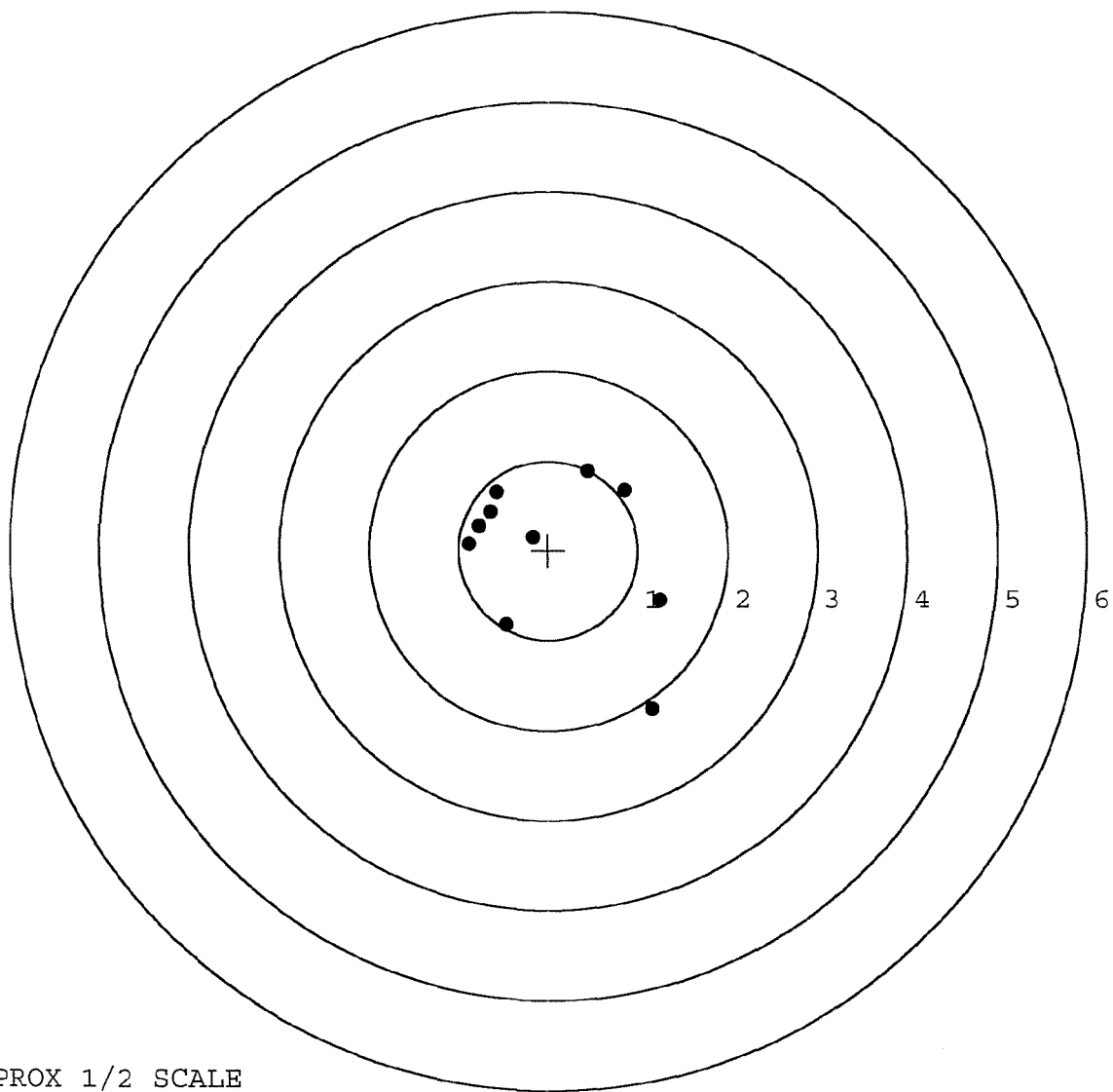
MEAN RADIUS: 1.015

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.245	-0.562
2:	1.166	-1.765
3:	-0.461	-0.844
4:	0.442	0.893
5:	0.849	0.679
6:	-0.170	0.147
7:	-0.578	0.650
8:	-0.651	0.432
9:	-0.775	0.273
10:	-0.886	0.069



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523426. __0

TARGET NUMBER: 2

FILE DATE: 01/06/2005

FILE TIME: 07:21

X CENTROID: 0.045

Y CENTROID: -0.122

POA TO CENTROID: 0.130

HORZ SPREAD: 1.300

VERT SPREAD: 2.295

GROUP SPREAD: 2.295

MIN RADIUS: 0.399

MAX RADIUS: 1.254

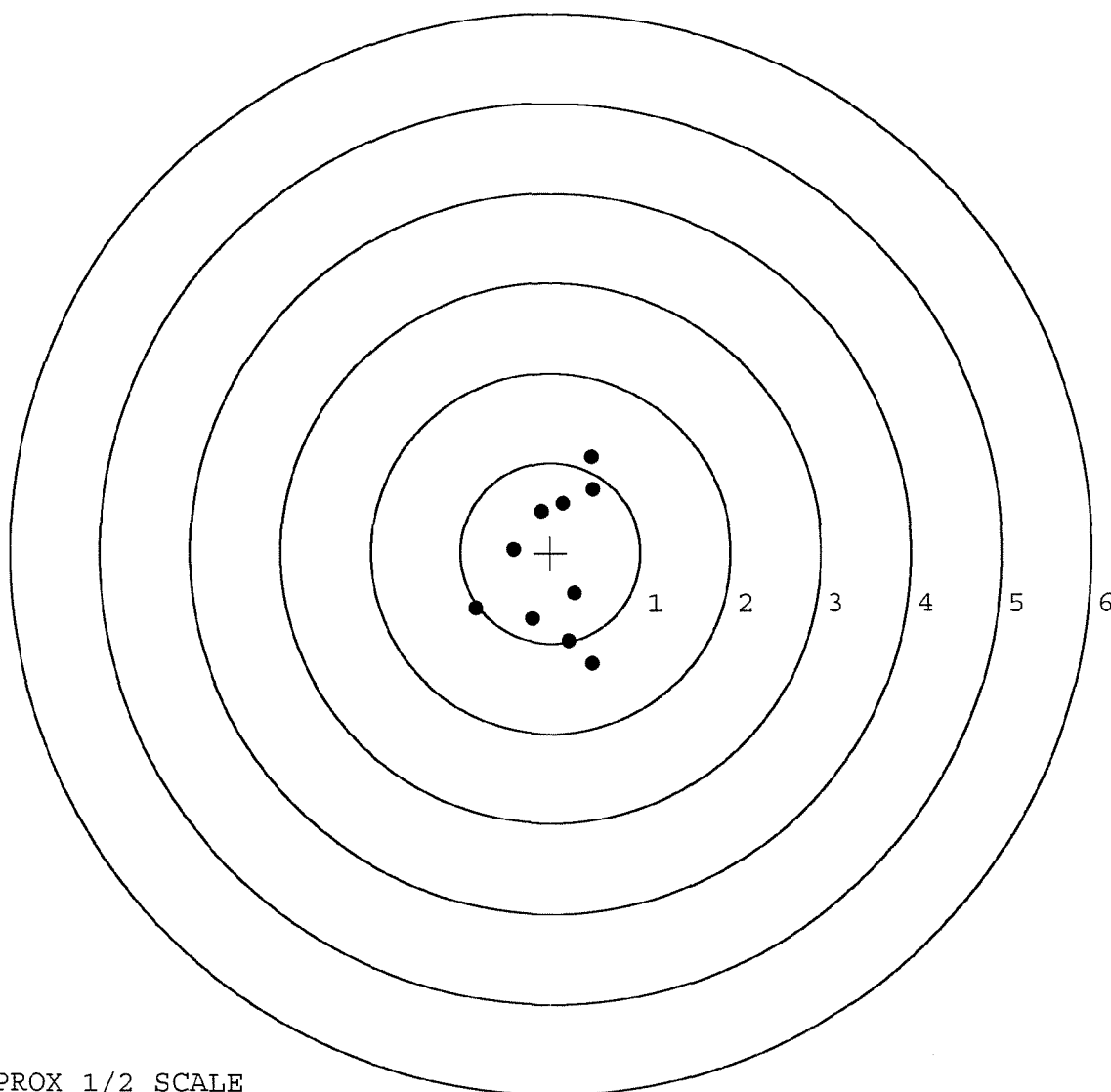
MEAN RADIUS: 0.806

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.465	-1.233
2:	0.204	-0.977
3:	0.271	-0.450
4:	-0.206	-0.732
5:	-0.832	-0.623
6:	-0.408	0.028
7:	-0.108	0.456
8:	0.136	0.551
9:	0.468	0.702
10:	0.458	1.062



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523426. __0

TARGET NUMBER: 3

FILE DATE: 01/06/2005

FILE TIME: 07:21

POINT#	X	Y
1:	1.053	-0.248
2:	0.544	-0.157
3:	0.343	0.057
4:	0.484	0.630
5:	0.399	1.167
6:	-0.127	0.368
7:	0.155	-1.026
8:	-0.127	-1.651
9:	-0.623	-0.422
10:	-0.964	0.364

X CENTROID: 0.114

Y CENTROID: -0.092

POA TO CENTROID: 0.146

HORZ SPREAD: 2.017

VERT SPREAD: 2.818

GROUP SPREAD: 2.867

MIN RADIUS: 0.273

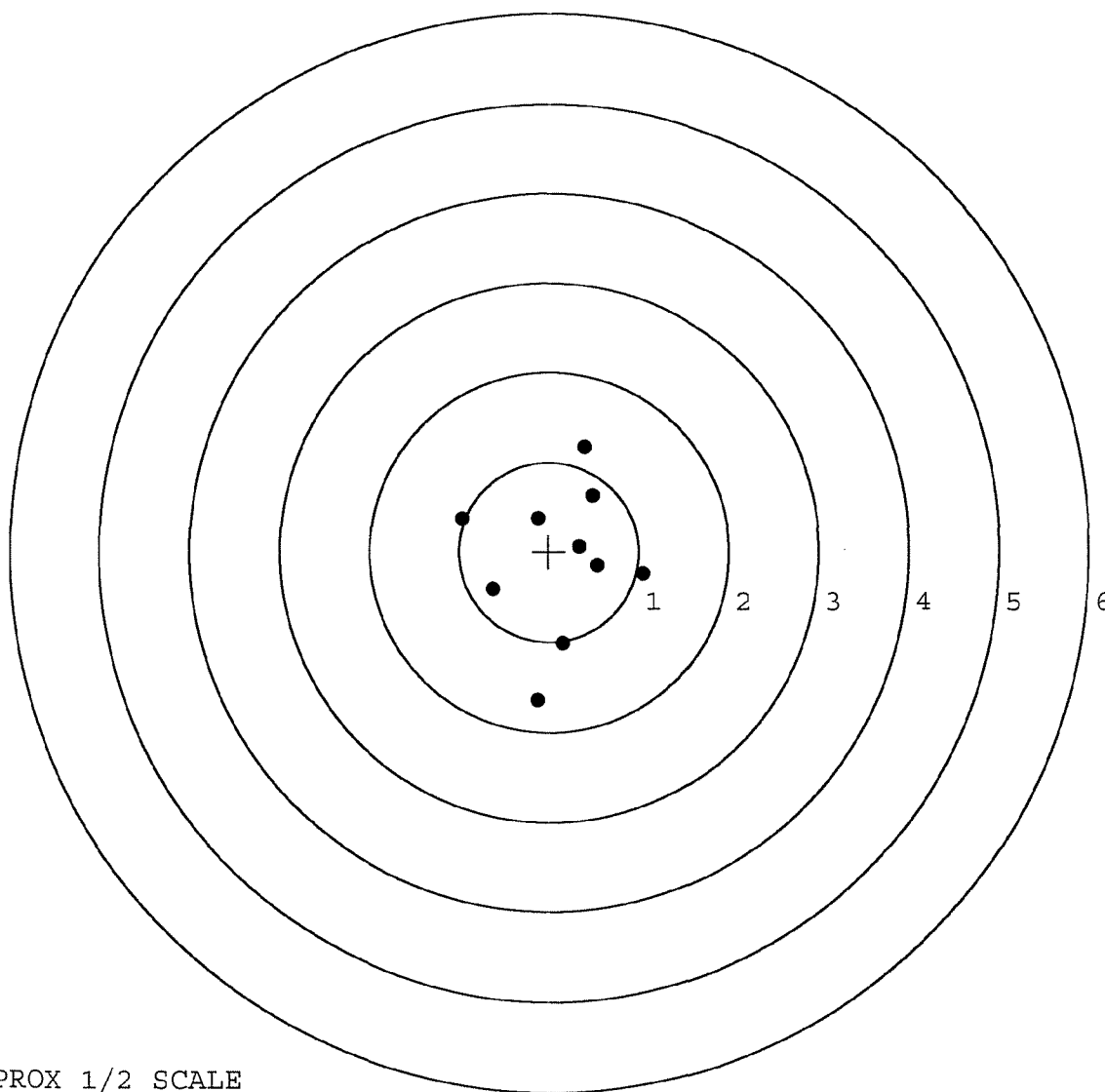
MAX RADIUS: 1.578

MEAN RADIUS: 0.877

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523426.___0

TARGET NUMBER: 4

FILE DATE: 01/06/2005

FILE TIME: 07:21

X CENTROID: 0.151

Y CENTROID: -0.125

POA TO CENTROID: 0.196

HORZ SPREAD: 1.833

VERT SPREAD: 1.733

GROUP SPREAD: 2.195

MIN RADIUS: 0.405

MAX RADIUS: 1.413

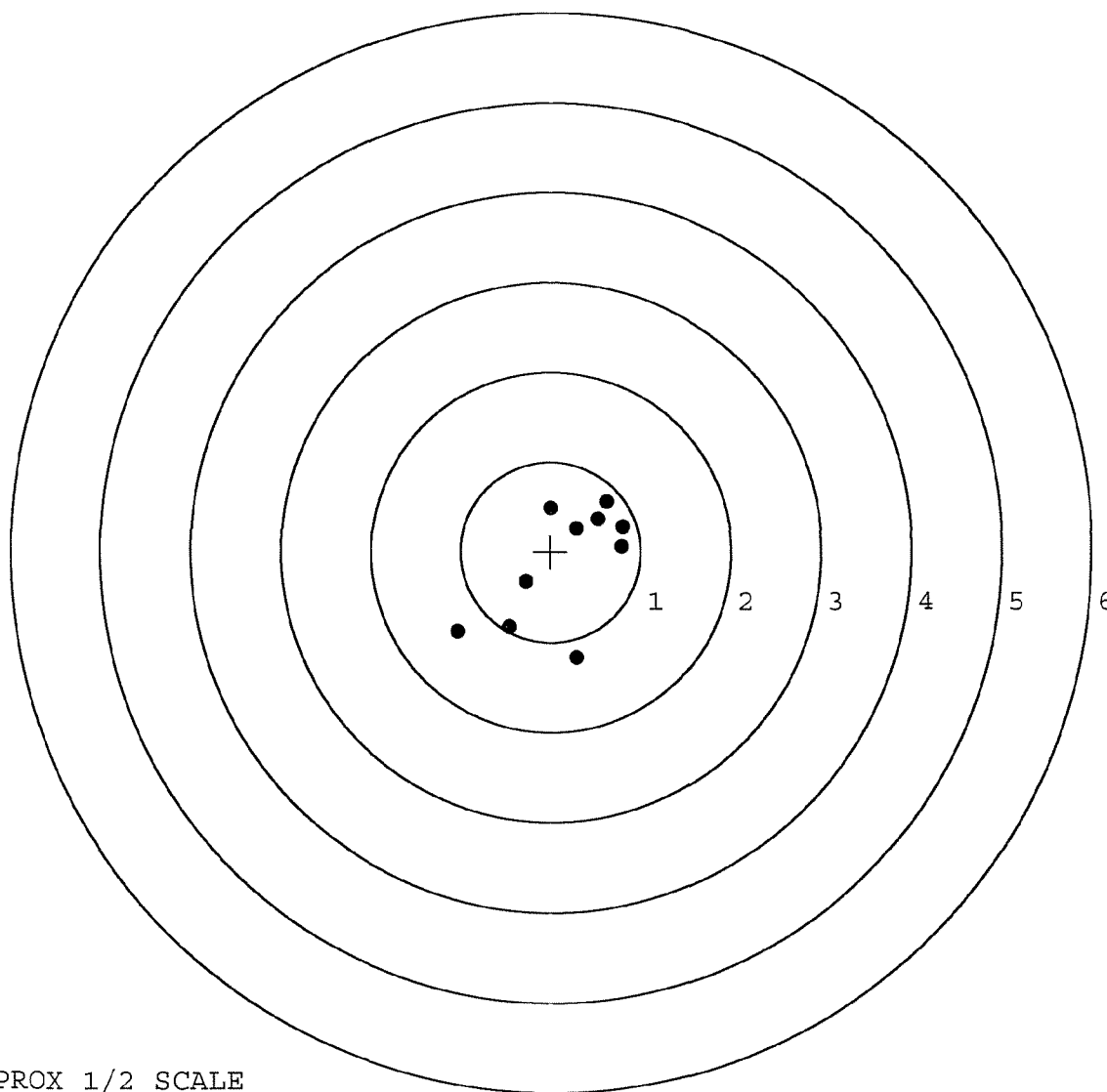
MEAN RADIUS: 0.779

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.289	-1.178
2:	-0.462	-0.834
3:	-0.274	-0.339
4:	-1.036	-0.891
5:	-0.010	0.484
6:	0.281	0.259
7:	0.790	0.056
8:	0.797	0.279
9:	0.615	0.555
10:	0.524	0.363



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523426. 0

TARGET NUMBER: 5

FILE DATE: 01/06/2005

FILE TIME: 07:21

X CENTROID: -0.018

Y CENTROID: -0.169

POA TO CENTROID: 0.170

HORZ SPREAD: 1.295

VERT SPREAD: 1.006

GROUP SPREAD: 1.331

MIN RADIUS: 0.059

MAX RADIUS: 0.730

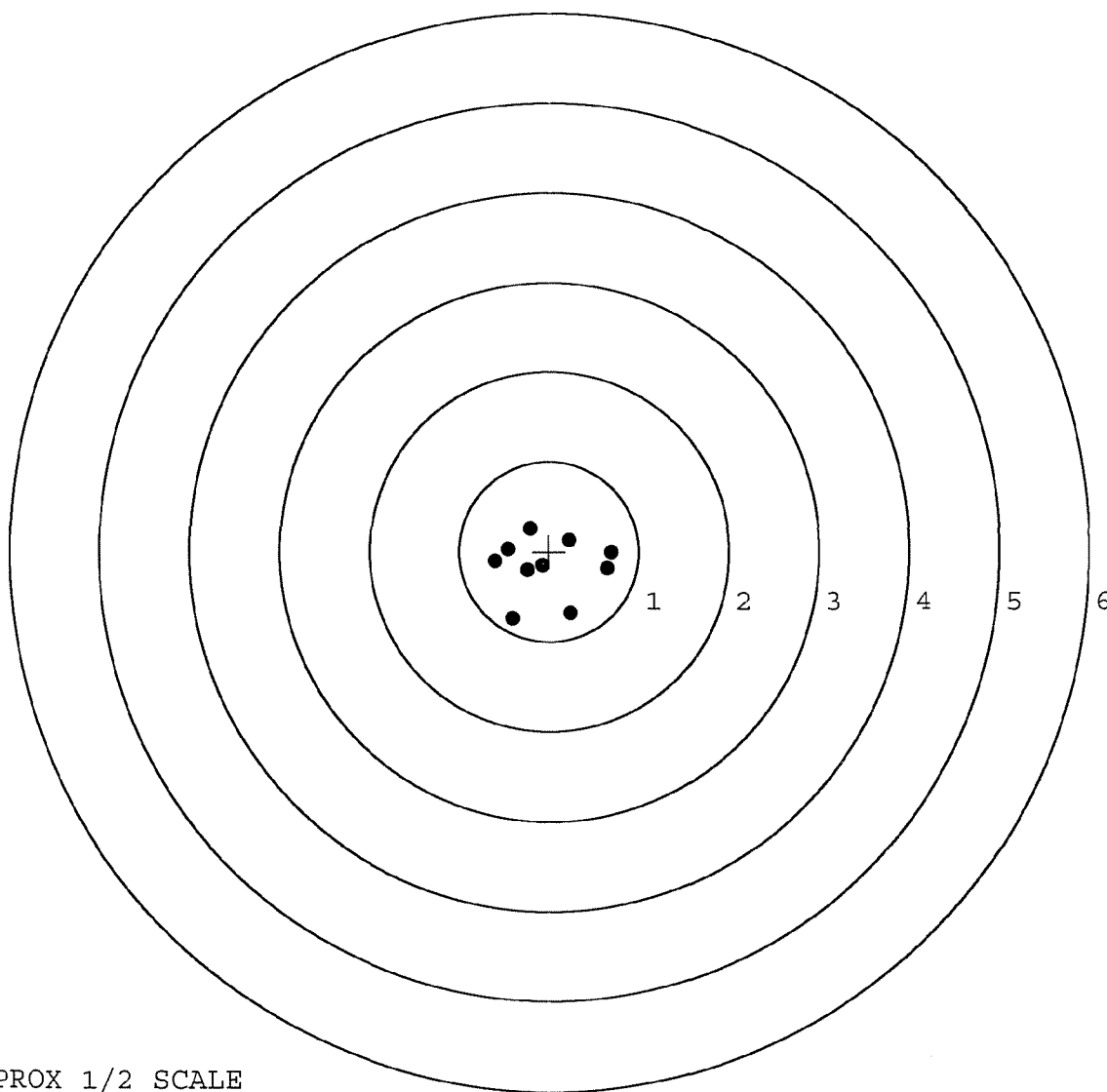
MEAN RADIUS: 0.490

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.244	-0.687
2:	0.652	-0.190
3:	0.694	-0.010
4:	-0.413	-0.749
5:	0.232	0.133
6:	-0.212	0.257
7:	-0.077	-0.159
8:	-0.458	0.033
9:	-0.244	-0.207
10:	-0.601	-0.108



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	89031		
SERIAL NUMBER	C 6523426		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-7-04	AC
560 A	RE-BARREL	12-15-04	RTZ
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTZ
600	PROOF	12-16-04	RTZ
605	CHECK HEADSPACE	12-16-04	RTZ
610	DIS-ASSEMBLE GUN	12-27-04	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-5-05	RTZ
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-6-05	TRW
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			




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

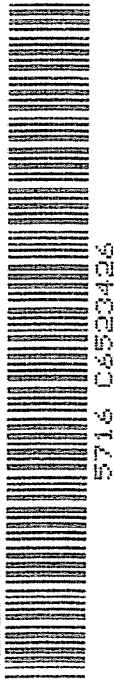
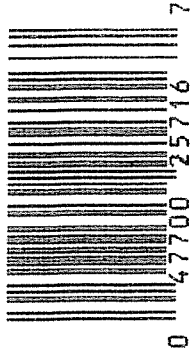
MODEL 700™ H2M

SERIAL NO.
C6523426

ORDER NO.
5716

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

LIPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523426

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	LS
617	Drill and Tap Sight Holes		9/28/90	FB
618	Polish Barrel <i>WB</i>		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/22/90	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/24/90	WB
	G) Safety Off Force	3	3	3			10/24/90	WB
	H) Trigger Pull Test & Retainability						10/22/90	JH
	I) Firing Pin Indent	10/24 .021	.021	.021			10/24/90	WB
	J) Assemble Stock						10/25/90	RW
	K) Assemble Swivel Studs						3/10/90	JS
	L) Attach Front and Rear Sight Assemblies						10/25/90	RW
	M) Iron Sight Alignment						10/25/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/25/90	RW
	O) Attach Scope to Rifle						10/25/90	RW
	P) Detach & Attach Scope 20 Times						10/25/90	RW
640	Gallery Target & Test						10-29-90	DH
	A) Time						10-29-90	DH
	B) Malfunctions						10-29-90	DH
	C) Pierced Primers						10-29-90	DH
	D) Optical Clarity of Scope						10-29-90	DH
645	Inspect for Live Ammo						10-29-90	DH
655	Final Inspection							
	A) Headspace						3/10/90	JS
	B) Trigger Pull	215	212	207	206	207	3/10/90	JS
	C) Function						3/10/90	JS
660	Pack						12/14/90	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06523426

DATE 10/22/90

TESTER JRP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.29	2.31	2.18	215	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.36	2.27	212	
PULL #3	2.12	2.22	2.28	207	
PULL #4	2.20	2.19	2.27	206	
PULL #5	2.26	2.16	2.30	207	
TOTAL	11.35	11.24	11.3		
AVG.	2.27	2.248	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.43		
PULL #2	3.40	3.32		
PULL #3	3.34	3.40		
PULL #4	3.37	3.40		
PULL #5	3.32	3.40		
TOTAL	16.64	16.95		
AVG.	3.328	3.39		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.31		4.19
PULL #2	4.13	4.31		4.28
PULL #3	4.17	4.21		4.22
PULL #4	4.30	4.15		4.13
PULL #5	4.26	4.27		4.22
TOTAL	21.33	21.25		21.04
AVG.	4.266	4.25		4.208

CEN
FOR RIFLE # C6523426
29 Oct 1998

CENTROIDAL DISTANCES

0 TO 1 .38461
1 TO 2 .479038
1 TO 3 .275588
1 TO 4 .65192
1 TO 5 .868097

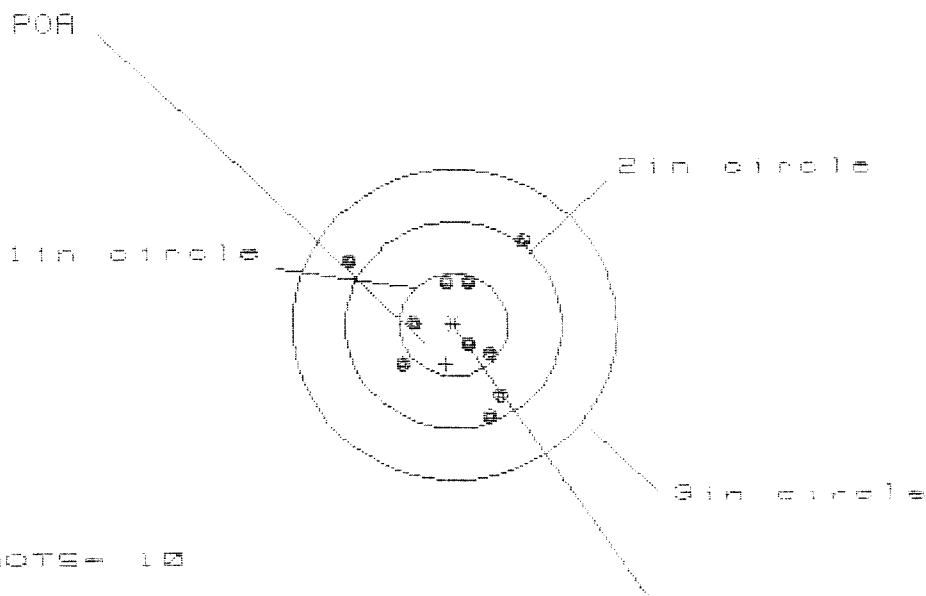
$\frac{1}{40}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0834
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0172
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0851552
THE AMR FOR THIS RIFLE IS: .7674

25 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/G8523426

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.803

VS= 1.753

GS= 2.031

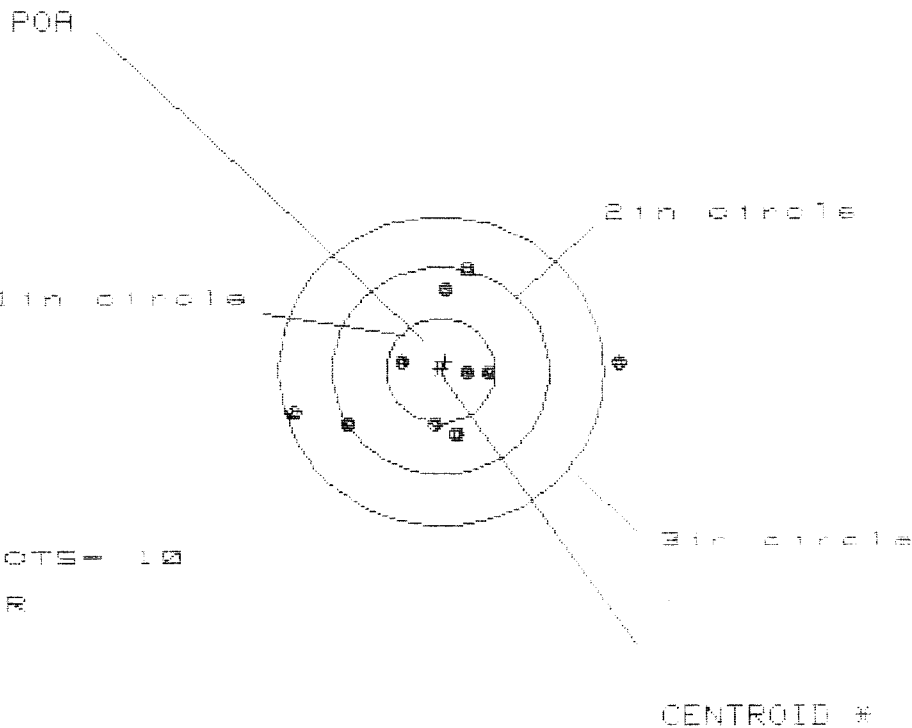
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.616	.506	.370
MINIMUM X	:	-.987	-.536	-.473
MAXIMUM Y	:	.871	.945	.583
MINIMUM Y	:	-.882	-.808	-.690
CENTROID X	:	.071	.181	.119
CENTROID Y	:	.378	.304	.186
POA TO CENTROID in.	:	.385	.354	.220
MIN RADIUS	:	.231	.128	.065
MEAN RADIUS	:	.638	.564	.482
MAX RADIUS	:	1.193	1.072	.743
HORIZONTAL SPREAD	:	1.603	1.042	.843
VERTICAL SPREAD	:	1.753	1.753	1.273
EXTREME SPREAD	:	2.031	1.777	1.330
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523426

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HB = 3.004

VB = 1.615

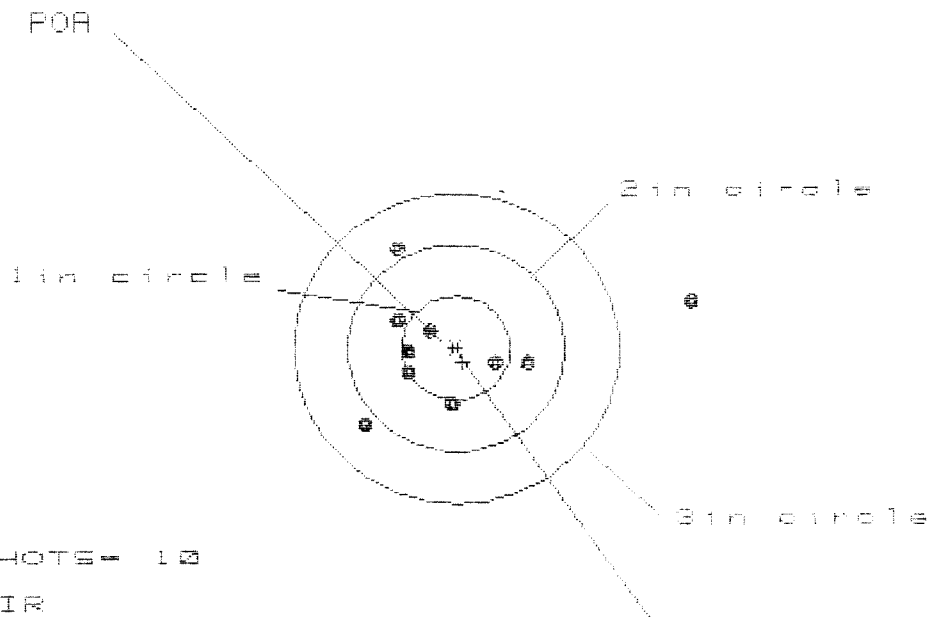
GB = 3.041

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.617	.642	.491
MINIMUM X	:	-1.387	-1.207	-.793
MAXIMUM Y	:	1.033	1.044	.998
MINIMUM Y	:	-.582	-.571	-.617
CENTROID X	:	-.040	-.220	-.069
CENTROID Y	:	-.088	-.098	-.052
POA TO CENTROID in.	:	.096	.240	.086
MIN RADIUS	:	.247	.250	.282
MEAN RADIUS	:	.812	.722	.638
MAX RADIUS	:	1.620	1.263	1.032
HORIZONTAL SPREAD	:	3.004	1.849	1.284
VERTICAL SPREAD	:	1.615	1.615	1.615
EXTREME SPREAD	:	3.041	2.153	1.853
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523426

CENTERFIRE PATTERNS # 3



OF SHOTS = 10
 # IN CIR
 1in = 9
 2in = 7
 3in = 9
 HS = 3.995
 VS = 1.699
 GS = 3.213

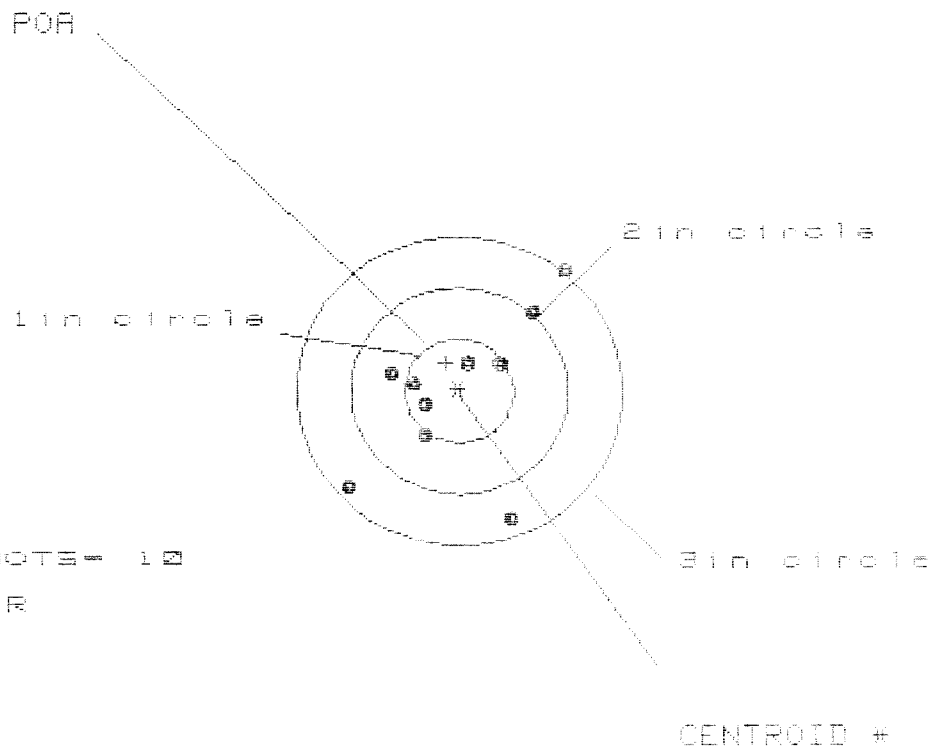
CENTROID #

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.137	.925	.985
MINIMUM X	-.858	-.620	-.660
MAXIMUM Y	.981	1.031	.394
MINIMUM Y	-.718	-.668	-.539
CENTROID X	-.059	-.297	-.257
CENTROID Y	.135	.085	-.044
POA TO CENTROID in.	.147	.309	.261
MIN RADIUS	.297	.172	.295
MEAN RADIUS	.786	.567	.509
MAX RADIUS	2.183	1.078	.990
HORIZONTAL SPREAD	2.995	1.545	1.545
VERTICAL SPREAD	1.699	1.699	.933
EXTREME SPREAD	3.213	1.726	1.669
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

23 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523420

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.973

VS = 2.445

GS = 2.911

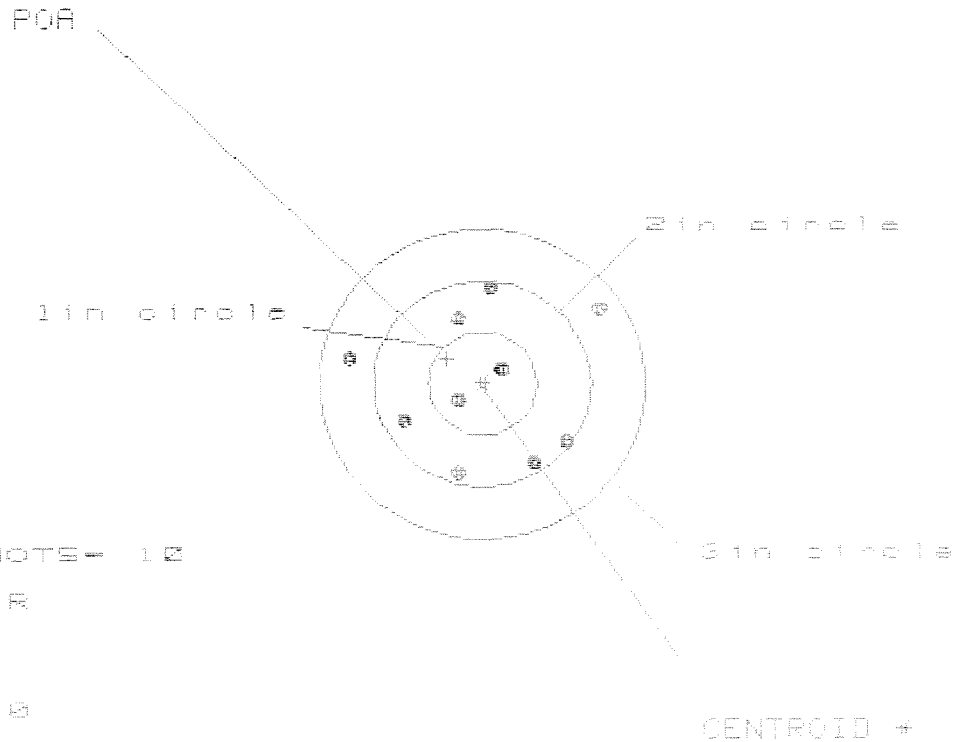
CENTROID #

PATTERN #	:	4		
SHOTS (BEST QF)	:	10	9	8
MAXIMUM X	:	.983	.787	.676
MINIMUM X	:	-.990	-.881	-.535
MAXIMUM Y	:	1.176	.946	.842
MINIMUM Y	:	-1.269	-1.138	-1.242
CENTROID X	:	.121	.012	.123
CENTROID Y	:	-.272	-.483	-.299
POR TO CENTROID in.	:	.298	.403	.323
MIN RADIUS	:	.283	.263	.306
MEAN RADIUS	:	.798	.702	.636
MAX RADIUS	:	1.533	1.267	1.320
HORIZONTAL SPREAD	:	1.973	1.668	1.271
VERTICAL SPREAD	:	2.445	2.084	2.084
EXTREME SPREAD	:	2.911	2.439	2.097
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523426

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 8

3in = 10

HS = 2.259

VS = 1.826

CS = 2.328

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.057	.882	.746
MINIMUM X	-1.202	-1.084	-.892
MAXIMUM Y	.939	1.024	1.061
MINIMUM Y	-.887	-.802	-.765
CENTROID X	.324	.207	.342
CENTROID Y	-.239	-.324	-.361
POA TO CENTROID in.	.403	.385	.498
MIN RADIUS	.221	.107	.223
MEAN RADIUS	.803	.732	.682
MAX RADIUS	1.308	1.123	1.061
HORIZONTAL SPREAD	2.259	1.966	1.439
VERTICAL SPREAD	1.826	1.826	1.826
EXTREME SPREAD	2.328	2.101	1.841
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	8	
NUMBER IN THREE INCH CIRCLE	=	10	

ORDER
R 94-21334

89-0600

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
07/15/94	07/18/94		C6523426		700 7.62 NATO
ACCESSORIES	SCOPE MNTS	SCOPE BASE			

36201-5025

PROM. DATE	ESTIMATED	VIA UPS
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		TOTAL
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MAIN FAULT

Trigger Assy	\$173.31
CIT	50.00
	\$223.31

REPAIRMAN	PROOF	CLEAN	TEST <i>AC</i>	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

BD6925 REV 1/94

M2400027912

SWS TRIGGER PULL TEST

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

SERIAL NO. C6573426
DATE 9-19-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.30	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.34	2.46	
PULL #3	2.48	2.36	2.60	
PULL #4	2.46	2.36	2.55	
PULL #5	2.43	2.30	2.54	
TOTAL	12.35	11.66	12.66	
AVG.	2.47	2.33	2.53	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.09	3.14	
PULL #2	3.10	3.10	
PULL #3	3.16	3.23	
PULL #4	3.09	3.22	
PULL #5	3.21	3.27	
TOTAL	15.65	15.96	
AVG.	3.13	3.19	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.09	4.00	
PULL #2	4.09	4.03	4.02	
PULL #3	4.00	4.10	4.09	
PULL #4	4.08	4.05	4.19	
PULL #5	4.05	4.17	4.12	
TOTAL	20.28	20.44	20.42	
AVG.	4.05	4.08	4.08	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6523426

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

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12/14	WB
	G) Safety Off Force	2 1/2	2 1/2	2 3/4			12/14	WB
	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	2.42	2.37	2.41	2.38	2.34	12/14	WB
	C) Function							
660	Pack							