

C6522261

MODEL 700™ M24

Model **SMS**™

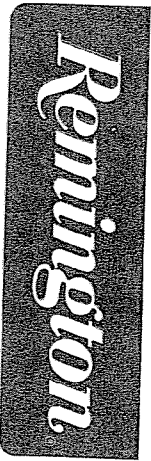
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smith
Mond

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: RE00149819

Serial: C6522261 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/25/2008 9:51:38 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: CAMP ROBERTS MATES

CAMP ROBERTS MATES

Address 1: EAST GARRISON BLDG 25021

EAST GARRISON BLDG 25021

Address 2: ATTN: CW4 KEISTER

PO Box:

ATTN: CW4 KEISTER

PO Box:

City: SAN MIGUEL

SAN MIGUEL

State: CA

Zip Code: 93451

Country: US

State: CA

Zip Code: 93451

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

8/25/2008

10:26 AM

CAPS

NUM

INS

SCAL

start

13 Micr...

Yanuk's E...

5 Micros...

Part Sear...

Arms Ser...

10:26 AM

Serial Number: **C6522261**
 Model: **M24 SWS**
 RE00149819

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

Original @ 9/20/08

R & E NUMBER 149819
SERIAL NUMBER C6522261
LOG-IN DATE 8-25-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE	<i>Clean & Evaluate</i>	<i>9-16-08</i>	<i>TRW</i>
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	<u>PASS</u> FAIL	<i>9-20-08</i>	<i>TRW</i>
650	TARGET	<u>PASS</u> FAIL	<i>9-20-08</i>	<i>TRW</i>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		<i>9-20-08</i>	<i>TRW</i>
	A) HEADSPACE	<u>PASS</u> FAIL	<i>9-23-08</i>	<i>TRW</i>
	B) TRIGGER PULL	<i>2.91 2.95 2.88 2.94 2.98</i>	<i>9-23-08</i>	<i>TRW</i>
680	F) SAFETY ON FORCE			
	G) SAFETY OFF FORCE			
	I) FIRING PIN INDENT	<i>.024 .024 .024</i>	<i>9-23-08</i>	<i>TRW</i>
690	PACK		<i>9/25/08</i>	<i>FM</i>

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522261.__1
FILE DATE AND TIME: 09/22/2008 06:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

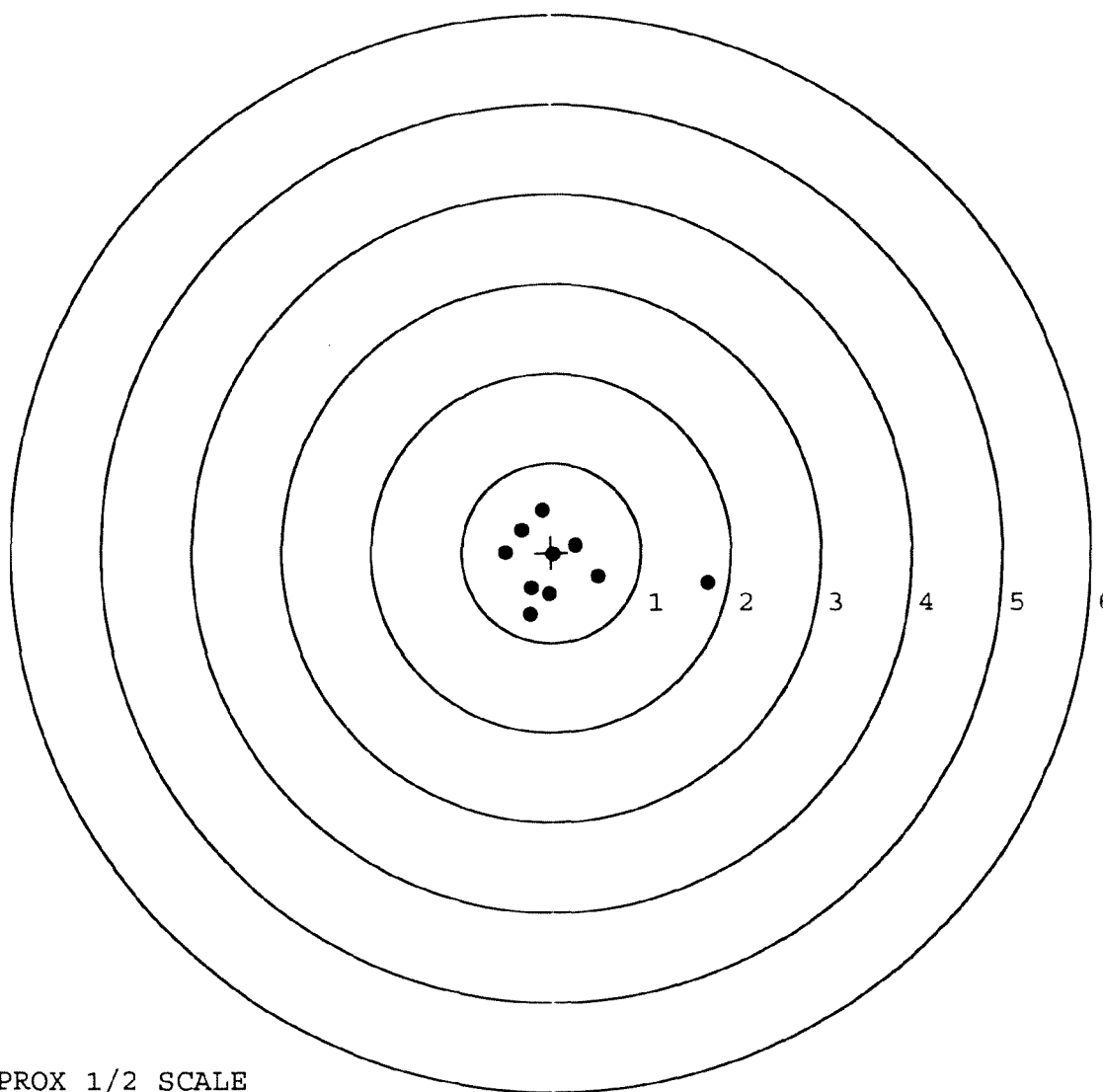
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean - .6085

SERIAL NUMBER: C6522261. __1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 06:50

X CENTROID: 0.110
Y CENTROID: -0.137
POA TO CENTROID: 0.176
HORZ SPREAD: 2.259
VERT SPREAD: 1.155
GROUP SPREAD: 2.285
MIN RADIUS: 0.144
MAX RADIUS: 1.649
MEAN RADIUS: 0.581
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.746	-0.341
2:	0.522	-0.270
3:	0.264	0.086
4:	0.023	-0.022
5:	-0.033	-0.465
6:	-0.227	-0.399
7:	-0.242	-0.688
8:	-0.513	0.006
9:	-0.339	0.252
10:	-0.104	0.467

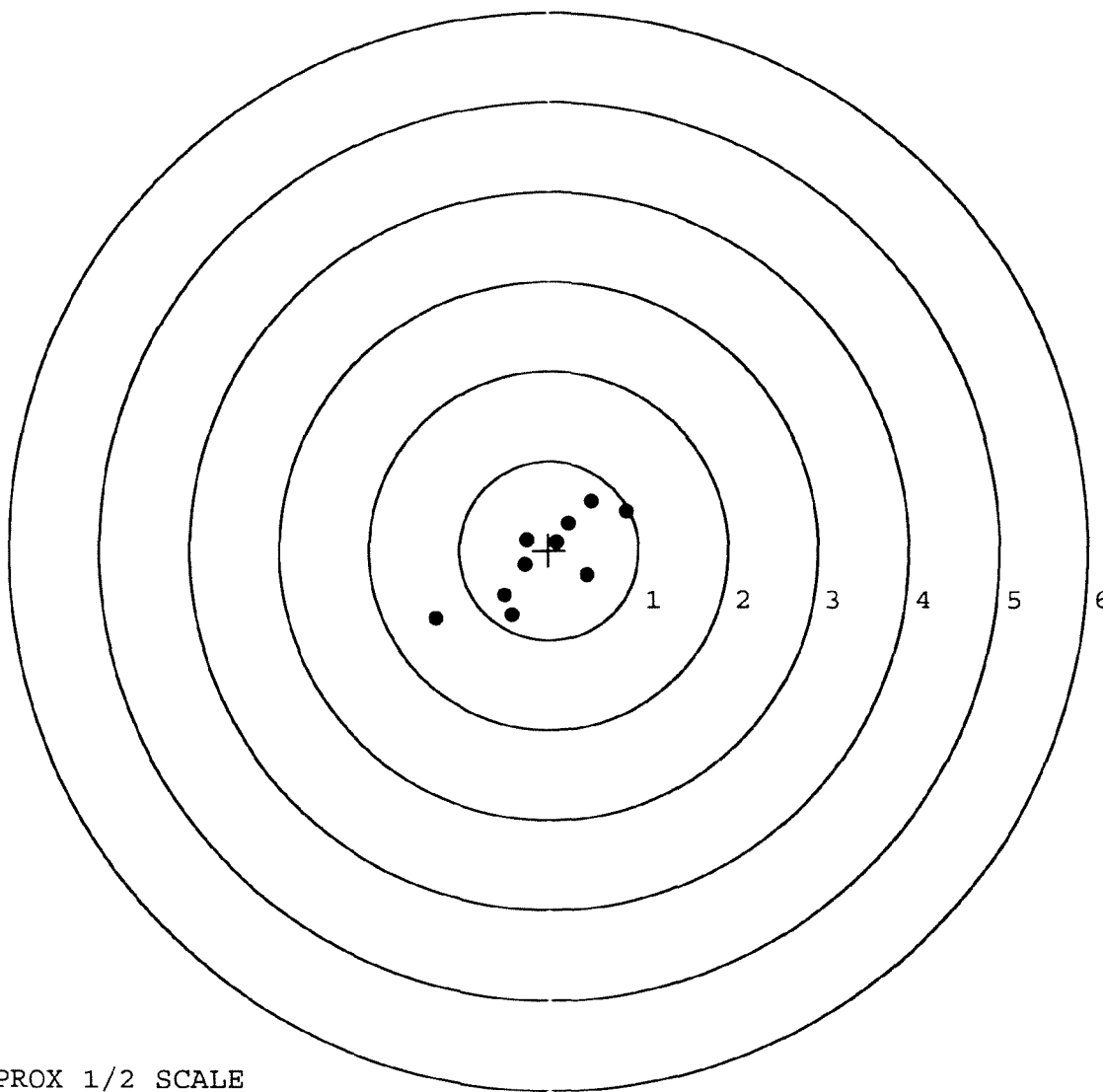


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522261. __1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 06:50

X CENTROID: -0.062
Y CENTROID: -0.092
POA TO CENTROID: 0.112
HORZ SPREAD: 2.123
VERT SPREAD: 1.323
GROUP SPREAD: 2.445
MIN RADIUS: 0.223
MAX RADIUS: 1.375
MEAN RADIUS: 0.636
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.416	-0.722
2:	-0.496	-0.500
3:	0.428	-0.278
4:	0.863	0.445
5:	0.478	0.556
6:	0.214	0.303
7:	0.093	0.089
8:	-0.273	-0.166
9:	-0.254	0.115
10:	-1.260	-0.767



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00123775

Serial: C6522261 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Verify Repair

Status:

Closed 1/17/2007 9:29:45 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
Name: CO A(-) 5TH BN 19TH SFG(A) CO A(-) 5TH BN 19TH SFG(A)
Address 1: ATTN: SSG DONAT (SUPPLY) ATTN: SSG DONAT (SUPPLY)
Address 2: 4203 SARATOGA AVE SUITE PO Box: 4203 SARATOGA AVE SUITE PO Box:
City: JFTB LOS ALAMITOS JFTB LOS ALAMITOS
State: CA Zip Code: 90720 Country: US State: CA Zip Code: 90720 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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	3
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

1/17/2007

10:10 AM

EAPS

NUM

INS

SCRL

Serial Number:

C6522261

Model: M24 SWS



RE00123775

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522261.___0
FILE DATE AND TIME: 01/30/2007 13:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.119
The Average Y Centroid of the Five Target Set:	0.093
The Average Point of Impact of the Five Target Set:	0.151
The Average Mean Radius of the Five Target Set:	0.691
The Distance from POA to Centroid Target #1:	0.182
The Distance from Centroid Target #2 to Centroid Target #1:	0.178
The Distance from Centroid Target #3 to Centroid Target #1:	0.024
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.045

SERIAL NUMBER: C6522261. 0

TARGET NUMBER: 1

FILE DATE: 01/30/2007

FILE TIME: 13:45

X CENTROID: -0.168

Y CENTROID: 0.069

POA TO CENTROID: 0.182

HORZ SPREAD: 1.590

VERT SPREAD: 1.259

GROUP SPREAD: 1.967

MIN RADIUS: 0.221

MAX RADIUS: 1.242

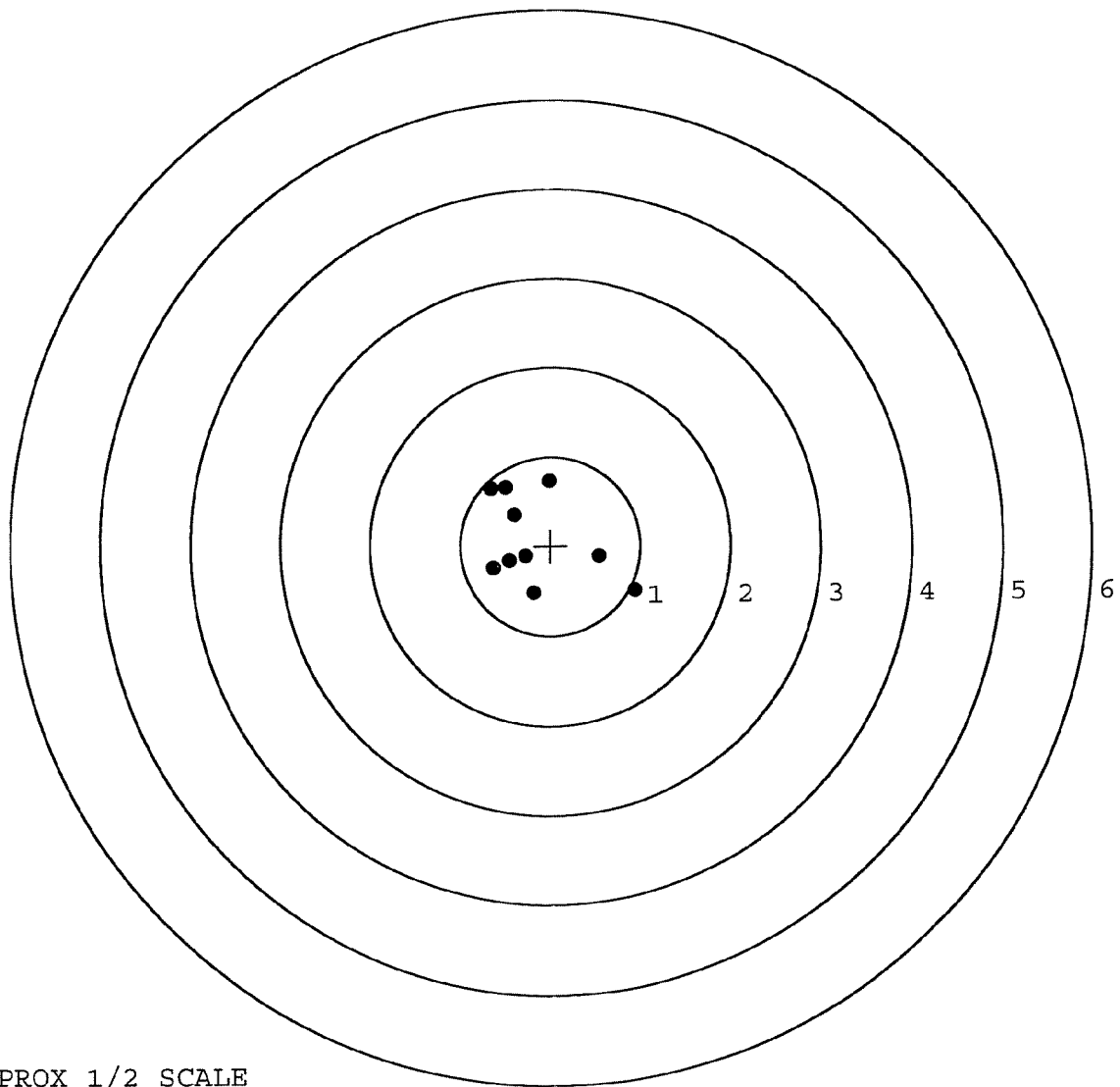
MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.934	-0.505
2:	0.543	-0.126
3:	-0.199	-0.529
4:	-0.635	-0.249
5:	-0.283	-0.119
6:	-0.013	0.730
7:	-0.656	0.653
8:	-0.499	0.662
9:	-0.406	0.347
10:	-0.464	-0.171

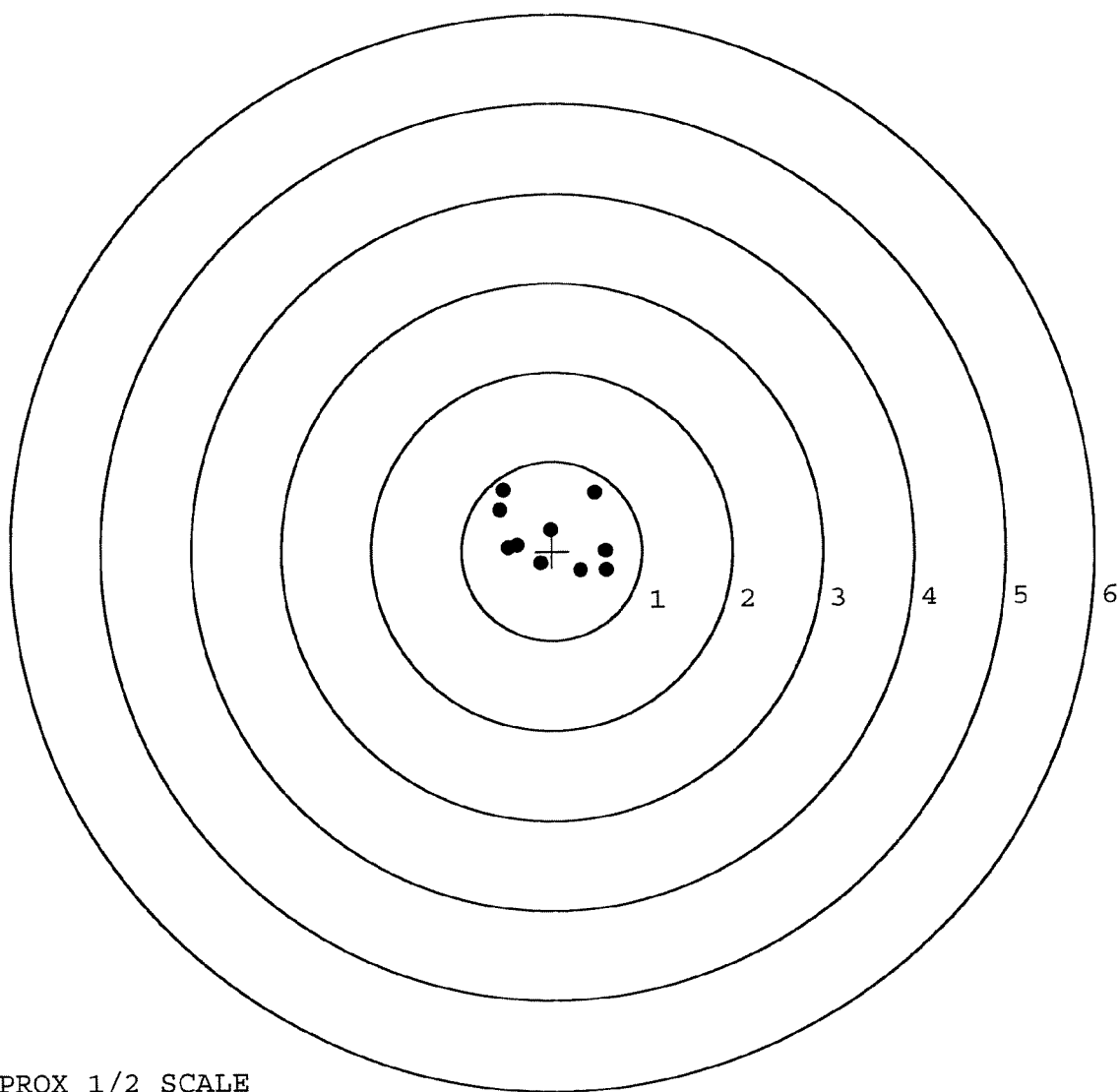


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522261.___0
TARGET NUMBER: 2
FILE DATE: 01/30/2007
FILE TIME: 13:45

X CENTROID: -0.013
Y CENTROID: 0.157
POA TO CENTROID: 0.158
HORZ SPREAD: 1.182
VERT SPREAD: 0.903
GROUP SPREAD: 1.452
MIN RADIUS: 0.077
MAX RADIUS: 0.742
MEAN RADIUS: 0.521
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.486	0.649
2:	-0.534	0.686
3:	-0.578	0.463
4:	-0.491	0.043
5:	-0.389	0.071
6:	-0.016	0.234
7:	-0.132	-0.134
8:	0.316	-0.217
9:	0.604	-0.216
10:	0.599	-0.006

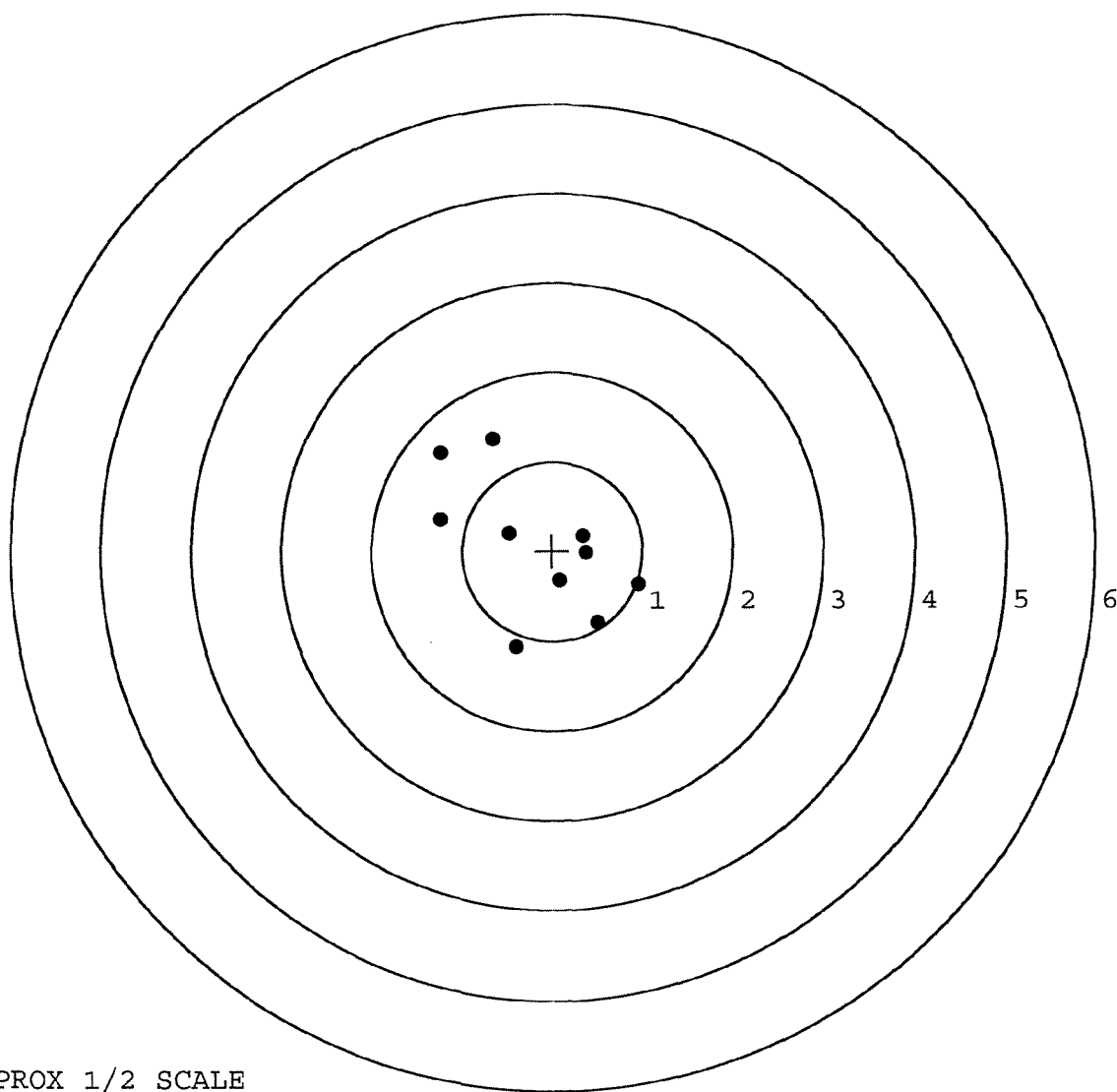


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522261. __0
TARGET NUMBER: 3
FILE DATE: 01/30/2007
FILE TIME: 13:45

X CENTROID: -0.176
Y CENTROID: 0.047
POA TO CENTROID: 0.182
HORZ SPREAD: 2.190
VERT SPREAD: 2.322
GROUP SPREAD: 2.631
MIN RADIUS: 0.339
MAX RADIUS: 1.484
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.955	-0.376
2:	0.502	-0.795
3:	-0.407	-1.067
4:	-0.481	0.194
5:	-1.235	0.347
6:	-1.227	1.094
7:	-0.663	1.255
8:	0.335	0.172
9:	0.375	-0.021
10:	0.086	-0.334



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522261. __0

TARGET NUMBER: 4

FILE DATE: 01/30/2007

FILE TIME: 13:45

X CENTROID: -0.023

Y CENTROID: 0.114

POA TO CENTROID: 0.117

HORZ SPREAD: 1.301

VERT SPREAD: 1.570

GROUP SPREAD: 1.802

MIN RADIUS: 0.279

MAX RADIUS: 1.064

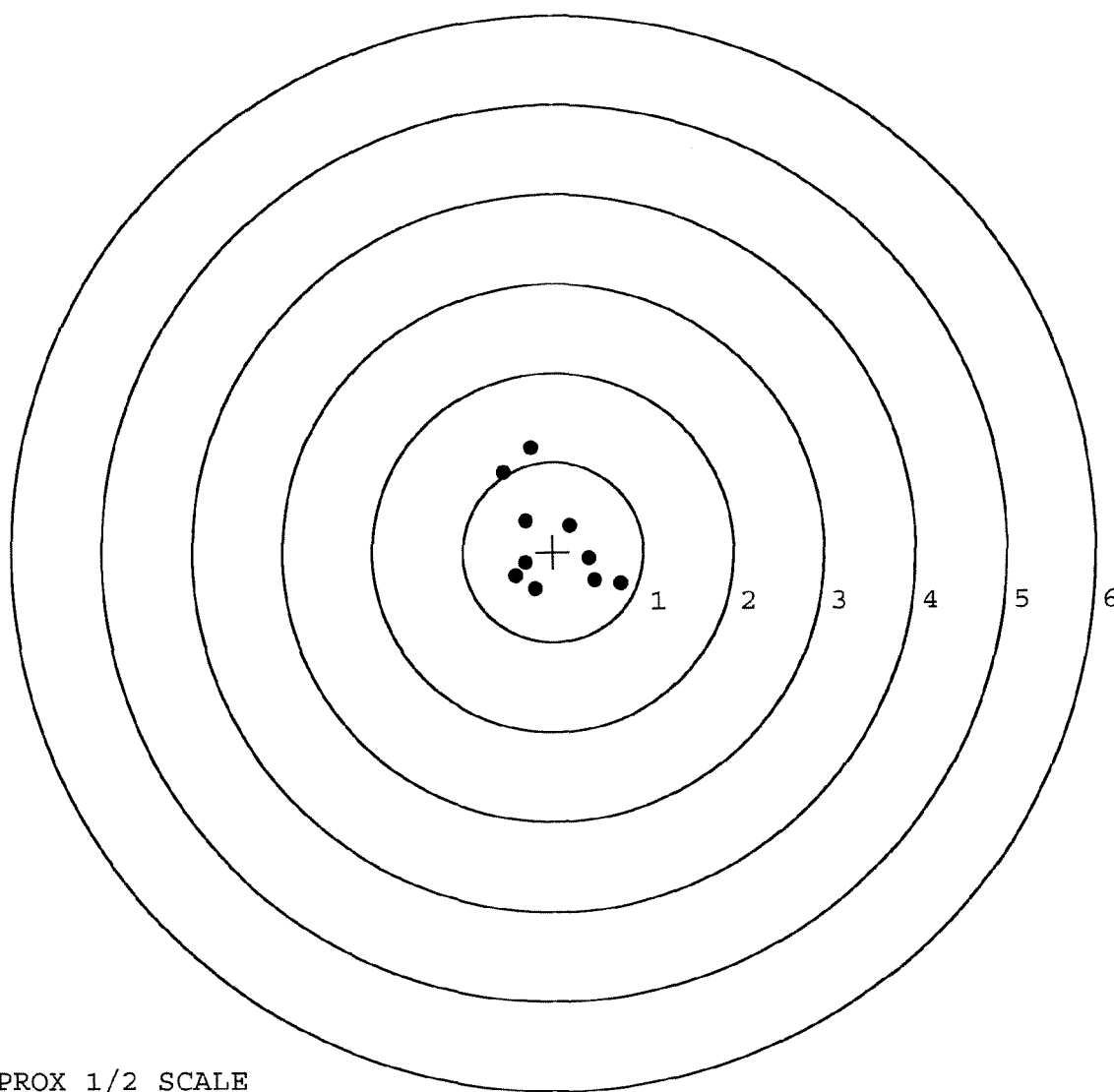
MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.243	1.155
2:	-0.548	0.884
3:	-0.311	0.345
4:	0.186	0.299
5:	0.404	-0.069
6:	0.753	-0.347
7:	0.461	-0.317
8:	-0.311	-0.126
9:	-0.419	-0.267
10:	-0.206	-0.415

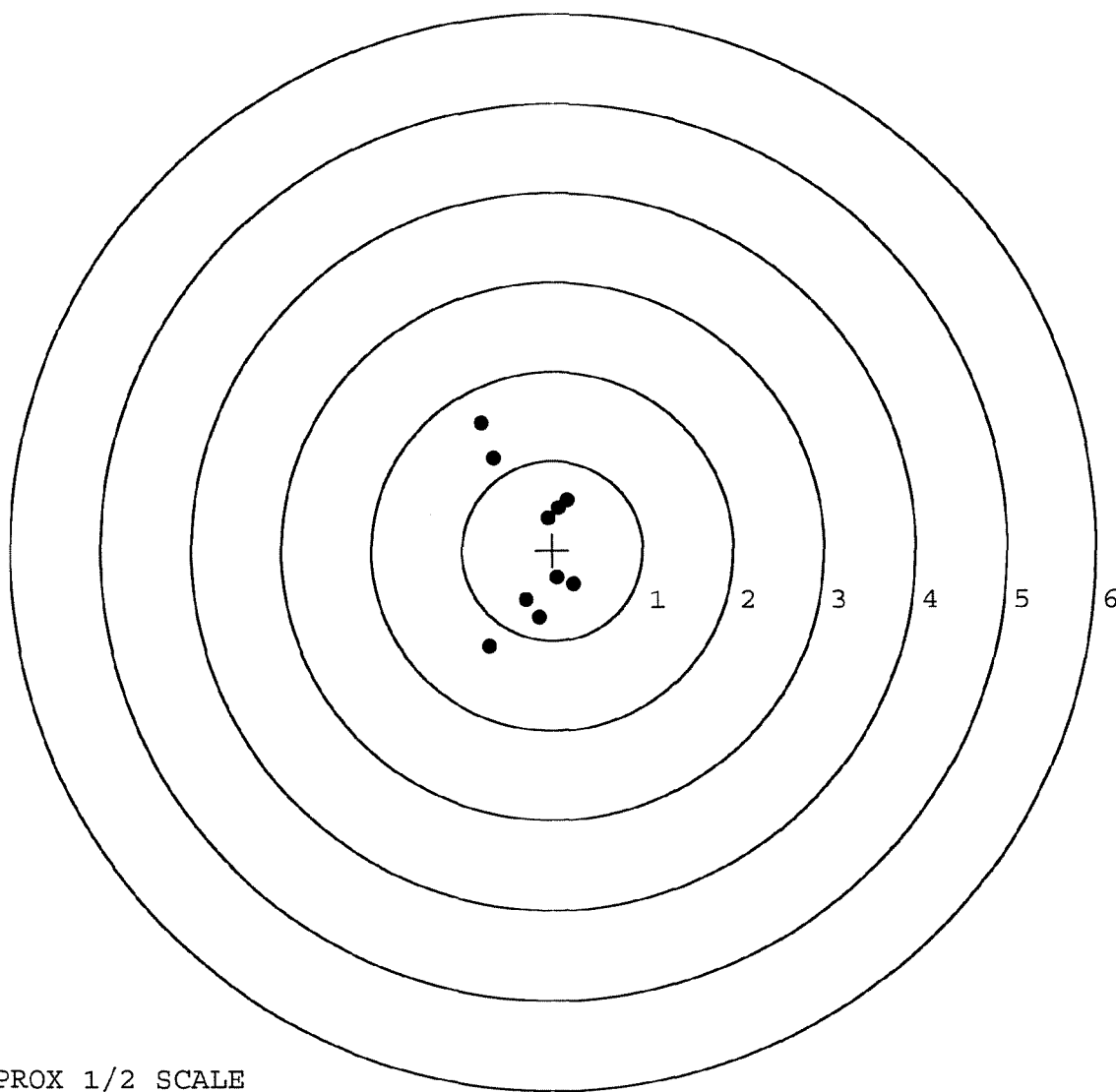


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522261. __0
TARGET NUMBER: 5
FILE DATE: 01/30/2007
FILE TIME: 13:45

X CENTROID: -0.212
Y CENTROID: 0.077
POA TO CENTROID: 0.226
HORZ SPREAD: 1.024
VERT SPREAD: 2.497
GROUP SPREAD: 2.498
MIN RADIUS: 0.323
MAX RADIUS: 1.465
MEAN RADIUS: 0.775
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.703	-1.073
2:	-0.647	1.033
3:	-0.787	1.424
4:	-0.054	0.358
5:	0.061	0.468
6:	0.165	0.557
7:	0.237	-0.378
8:	0.051	-0.311
9:	-0.296	-0.560
10:	-0.150	-0.749



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	123775		
SERIAL NUMBER	C6522261		
LOG-IN DATE	1-17-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-18-07	RTZ
505	RE-BARREL	1-19-07	RTZ
420	ASSEMBLE	1-19-07	RTZ
440	PROOF	MAGNA-FLUX INSPECTED JAN 23 2007	
460	CHECK HEADSPACE	1-19-07	RP
470	DIS-ASSEMBLE GUN	1-22-07	RTZ
480	MAGNAFLUX	OPERATOR <u>ADD</u>	
510	DRILL AND TAP	1-23-07	AD
500	ROLLMARK CALIBER	1-23-07	FW
520	GOFF BLAST BBL / REC	1-23-07	LB
530 & 540	APPLY COATINGS	1-25-07	WD
560	FINAL ASSEMBLY	1-29-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	1/29/07 non
650	TARGET	PASS FAIL	1/29/07 non
	MALFUNCTION <u>CLT</u>	CORRECTION OK	2-1-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	1-29-07 TRW
670	FINAL INSPECTION	PASS FAIL	2-2-07 RTZ
	A) HEADSPACE	PASS FAIL	2-2-07 RR
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.40 2.40 2.34 2.36 2.38 1-31-07 TRW	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.0 4.25 4.25 1-31-07 TRW	
	G) SAFETY OFF FORCE	2 LBS MIN 2.0 2.5 2.25 1-31-07 TRW	
	I) FIRING PIN INDENT	.020 .024 ^s .024 ^s .024 ^s 1-31-07 TRW	
690	PACK	2-8-07 DA	

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY		STOCK ASSEMBLY	
_____ BARREL		_____ STOCK	
_____ RECEIVER		_____ SLING SWIVEL STUDS	
_____ FRONT SIGHT BASE		_____ BUTT PATE	
_____ REAR SIGHT BASE		_____ LOCK NUTS	
_____ SCREWS		_____ BARREL CLEARANCE	
_____ FINISH		_____ COLOR / FINISH	
SCOPE ASSEMBLY		SYSTEM CASE	
_____ SCOPE		_____ SCOPE CASE	
_____ SCOPE RINGS		_____ IRON SIGHTS	
_____ MOUNTING SCREWS		_____ DEPLOYMENT KIT	
_____ MOUNTING BASE		TRIGGER ASSEMBLY	
_____ SCREWS		_____ SAFETY OPERATION	
_____ FINISH		_____ RE-SET TO FACTORY SPECS	
_____ CLARITY			
COMMENTS: _____			

F006 REV 5/2006

Remington®

MODEL 700™ H24

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

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

DU PONT

SERIAL NO.
C6522261

ORDER NO.
5716

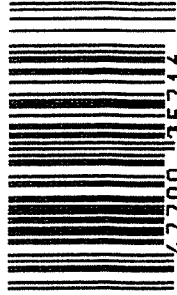
MADE IN ILION, N.Y. USA. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5716 C6522261

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522261

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	LL
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel RB		8/11/90	WB
620	Apply Coatings (Barrel Action)		8/24/90	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/27/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/27/90	RW
	C) Inspect Ejector Hole for Chamfer		8/27/90	RW
	D) Oil Firing Pin Ass'y		8/27/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/30/90	JS

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	3 3/4	8/30/90	WLB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	8/30/90	WLB		
	H) Trigger Pull Test & Retainability				8/30/90	JLL		
	I) Firing Pin Indent	.023	.023	.023	8/30/90	WLB		
	J) Assemble Stock				8/31/90	RW		
	K) Assemble Swivel Studs				9/8/90	JS		
	L) Attach Front and Rear Sight Assemblies				8/31/90	RW		
	M) Iron Sight Alignment				8/31/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				8/31/90	RW		
	O) Attach Scope to Rifle				8/31/90	RW		
	P) Detach & Attach Scope 20 Times				8/31/90	RW		
640	Gallery Target & Test				9/5/90	K2		
	A) Time				9/5/90	K2		
	B) Malfunctions				9/5/90	K2		
	C) Pierced Primers				9/5/90	K2		
	D) Optical Clarity of Scope				9/5/90	K2		
645	Inspect for Live Ammo				9/5/90	K2		
655	Final Inspection				9/8/90	JS		
	A) Headspace				9/8/90	JS		
	B) Trigger Pull	2.62	2.72	2.79	2.84	2.93	9/8/90	JS
	C) Function						9/8/90	JS
660	Pack				9-9-90	OH		

SWS TRIGGER PULL TEST

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

SERIAL NO C6522261

DATE 8/30/90

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.44	2.40	262	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.31	2.45	2.35	272	
PULL #3	2.41	2.46	2.42	279	
PULL #4	2.42	2.39	2.44	284	
PULL #5	2.47	2.47	2.46	283	
TOTAL	12.06	12.21	12.07		
AVG.	2.412	2.442	2.414		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.26	3.05		
PULL #3	3.24	3.15		
PULL #4	3.07	3.18		
PULL #5	3.21	3.03		
TOTAL	16.04	15.56		
AVG.	3.208	3.112		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.20		4.22
PULL #2	4.23	4.06		4.25
PULL #3	4.26	4.16		4.23
PULL #4	4.25	4.07		4.23
PULL #5	4.19	4.19		4.24
TOTAL	21.26	20.68		21.17
AVG.	4.252	4.136		4.234

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522261
6 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.107448
1 TO	2	.188987
1 TO	3	.11449
1 TO	4	.293019
1 TO	5	.171012

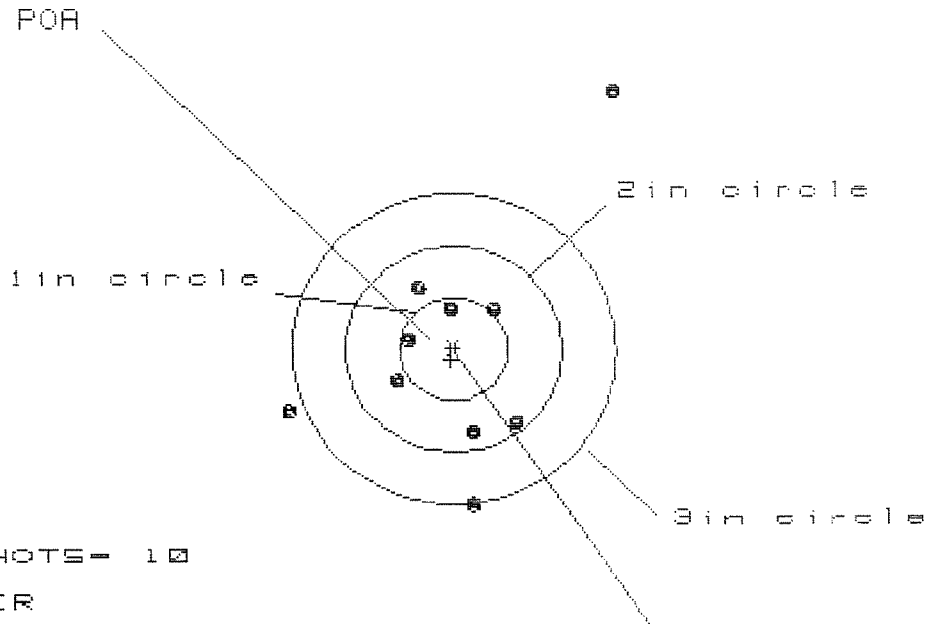
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0364
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0144
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0391449
THE AMR FOR THIS RIFLE IS: .8502

6 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522261

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 7

HS= 3.0006

VS= 4.0229

GS= 4.356

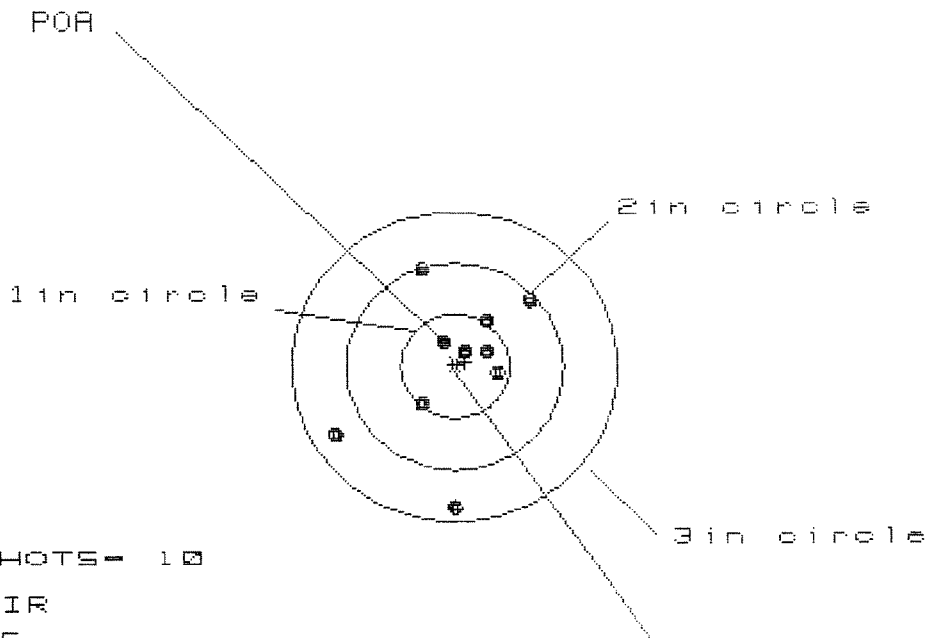
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.477	.699	.528
MINIMUM X	-1.529	-1.365	-.555
MAXIMUM Y	2.505	.912	.866
MINIMUM Y	-1.524	-1.245	-1.291
CENTROID X	.027	-.137	.034
CENTROID Y	.104	-.175	-.129
POA TO CENTROID in.	.107	.222	.133
MIN RADIUS	.359	.387	.522
MEAN RADIUS	1.052	.833	.750
MAX RADIUS	2.908	1.414	1.307
HORIZONTAL SPREAD	3.006	2.064	1.083
VERTICAL SPREAD	4.029	2.157	2.157
EXTREME SPREAD	4.356	2.212	2.212
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	7		

6 Sep 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.773

VS= 2.300

GS= 2.322

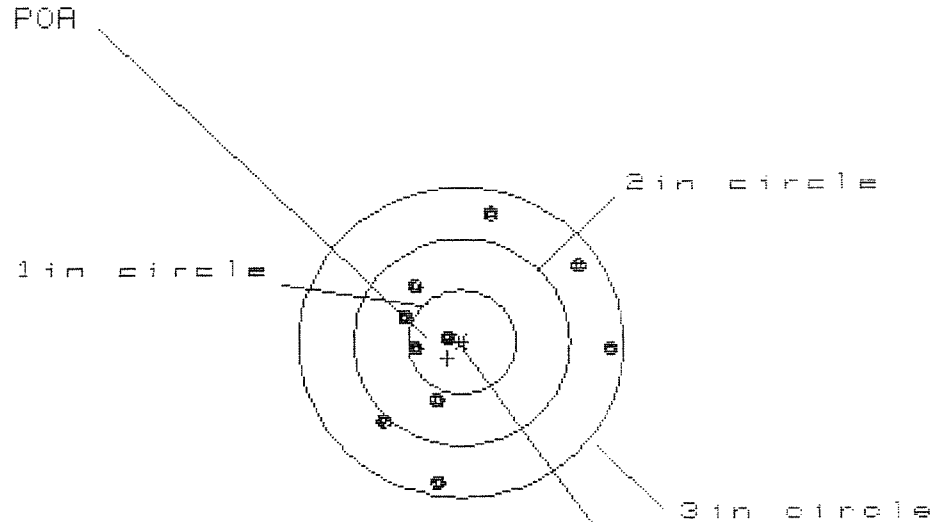
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.653	.657	.517
MINIMUM X	:	-1.120	-1.116	-.423
MAXIMUM Y	:	.909	.755	.650
MINIMUM Y	:	-1.391	-.840	-.591
CENTROID X	:	-.093	-.097	.043
CENTROID Y	:	-.042	.112	.217
POA TO CENTROID in.	:	.102	.148	.221
MIN RADIUS	:	.181	.104	.119
MEAN RADIUS	:	.669	.556	.426
MAX RADIUS	:	1.391	1.397	.775
HORIZONTAL SPREAD	:	1.773	1.773	.940
VERTICAL SPREAD	:	2.300	1.595	1.241
EXTREME SPREAD	:	2.322	2.228	1.357
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Sep 1990

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.107

VS= 2.612

GS= 2.653

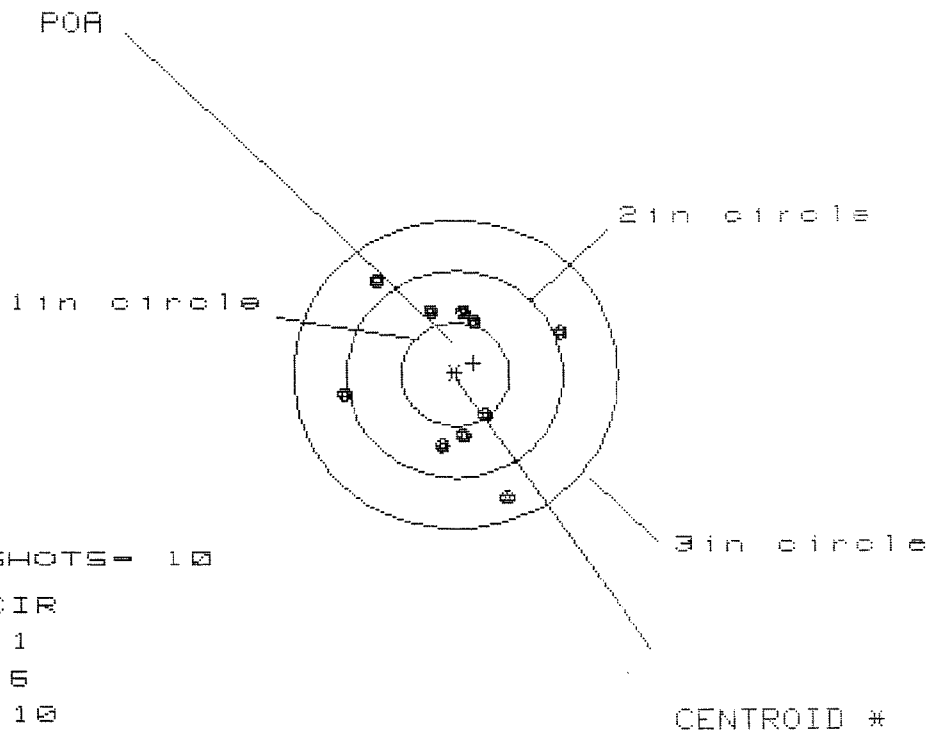
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.310	1.204
MINIMUM X	:	-.776	-.797	-.634
MAXIMUM Y	:	1.264	1.114	1.086
MINIMUM Y	:	-1.348	-.929	-.957
CENTROID X	:	.129	.149	-.015
CENTROID Y	:	.156	.306	.334
FOR TO CENTROID in.	:	.202	.341	.335
MIN RADIUS	:	.116	.174	.146
MEAN RADIUS	:	.876	.826	.714
MAX RADIUS	:	1.361	1.329	1.347
HORIZONTAL SPREAD	:	2.107	2.107	1.838
VERTICAL SPREAD	:	2.612	2.043	2.043
EXTREME SPREAD	:	2.653	2.411	2.411
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Sep 1980

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 2.040

VS= 2.055

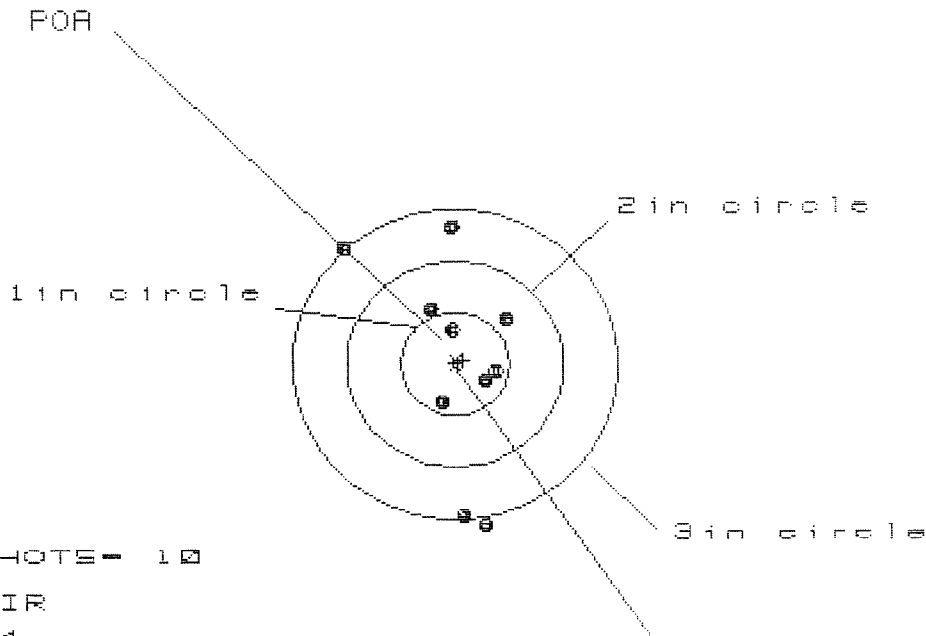
GS= 2.375

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.009	1.063	.980
MINIMUM X	:	-1.031	-.977	-1.059
MAXIMUM Y	:	.907	.780	.605
MINIMUM Y	:	-1.148	-.815	-.718
CENTROID X	:	-.171	-.225	-.142
CENTROID Y	:	-.112	.015	-.082
FOR TO CENTROID in.	:	.205	.225	.165
MIN RADIUS	:	.437	.433	.450
MEAN RADIUS	:	.803	.745	.702
MAX RADIUS	:	1.244	1.089	1.088
HORIZONTAL SPREAD	:	2.040	2.040	2.040
VERTICAL SPREAD	:	2.055	1.595	1.323
EXTREME SPREAD	:	2.375	2.121	2.121
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

6 Sep 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 1.517

VS= 2.878

GS= 2.976

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.470	.504	.378
MINIMUM X	-1.047	-1.013	-.299
MAXIMUM Y	1.322	1.150	1.266
MINIMUM Y	-1.548	-1.594	-1.478
CENTROID X	-.074	-.108	.019
CENTROID Y	-.034	.138	.022
FOR TO CENTROID in.	.081	.175	.029
MIN RADIUS	.327	.151	.308
MEAN RADIUS	.851	.752	.660
MAX RADIUS	1.578	1.597	1.478
HORIZONTAL SPREAD	1.517	1.517	.676
VERTICAL SPREAD	2.878	2.744	2.744
EXTREME SPREAD	2.976	2.754	2.746
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		