

C6522169

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00146520**

Serial: C6522169 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/17/2008 9:53:54 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From
Name: DEF DIST DEPOT DEF DIST DEPOT
Address 1: 7 FRANKFORD AVE BLDG 362 7 FRANKFORD AVE BLDG 362
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: NN

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	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

6/17/2008

10:51 AM

CAPS

NUM

INS

SCRL

start

10 M

My...

4 M

Par...

Ar...

Cre...

My...

10:51 AM

Number: **C6522169**

Model: **M24 SWS**



RE00146520

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER	<u>146520</u>		
SERIAL NUMBER	<u>06522169</u>		
LOG-IN DATE	<u>6-17-08</u>		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-13-09	RTZ
505	RE-BARREL	7-16-09	RTZ
420	ASSEMBLE	7-16-09	RTZ
440	PROOF	7-16-09	RP
460	CHECK HEADSPACE	7-16-09	RP
470	DIS-ASSEMBLE GUN	7-16-09	RP
480	MAGNAFLUX	7-18-09	RP
510	DRILL AND TAP	7-17-09	SP
500	ROLLMARK CALIBER	7-21-09	DWG
520	GOFF BLAST BBL / REC	7-21-09	gms
530 & 540	APPLY COATINGS	7-28-09	-
560	FINAL ASSEMBLY	8-29-09	RTZ
640	FUNCTION TEST AND	8-4-09	RP
650	TARGET	8-4-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-4-09	RP
	A) HEADSPACE	8-17-09	RP
	B) TRIGGER PULL	8-7-09	RP
		252 255 258 250 260	
680	F) SAFETY ON FORCE	8-17-09	RP
	G) SAFETY OFF FORCE	8-17-09	RP
	I) FIRING PIN INDENT	8-17-09	RP
690	PACK	9-16-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522169.___0

FILE DATE AND TIME: 08/05/2009 07:13

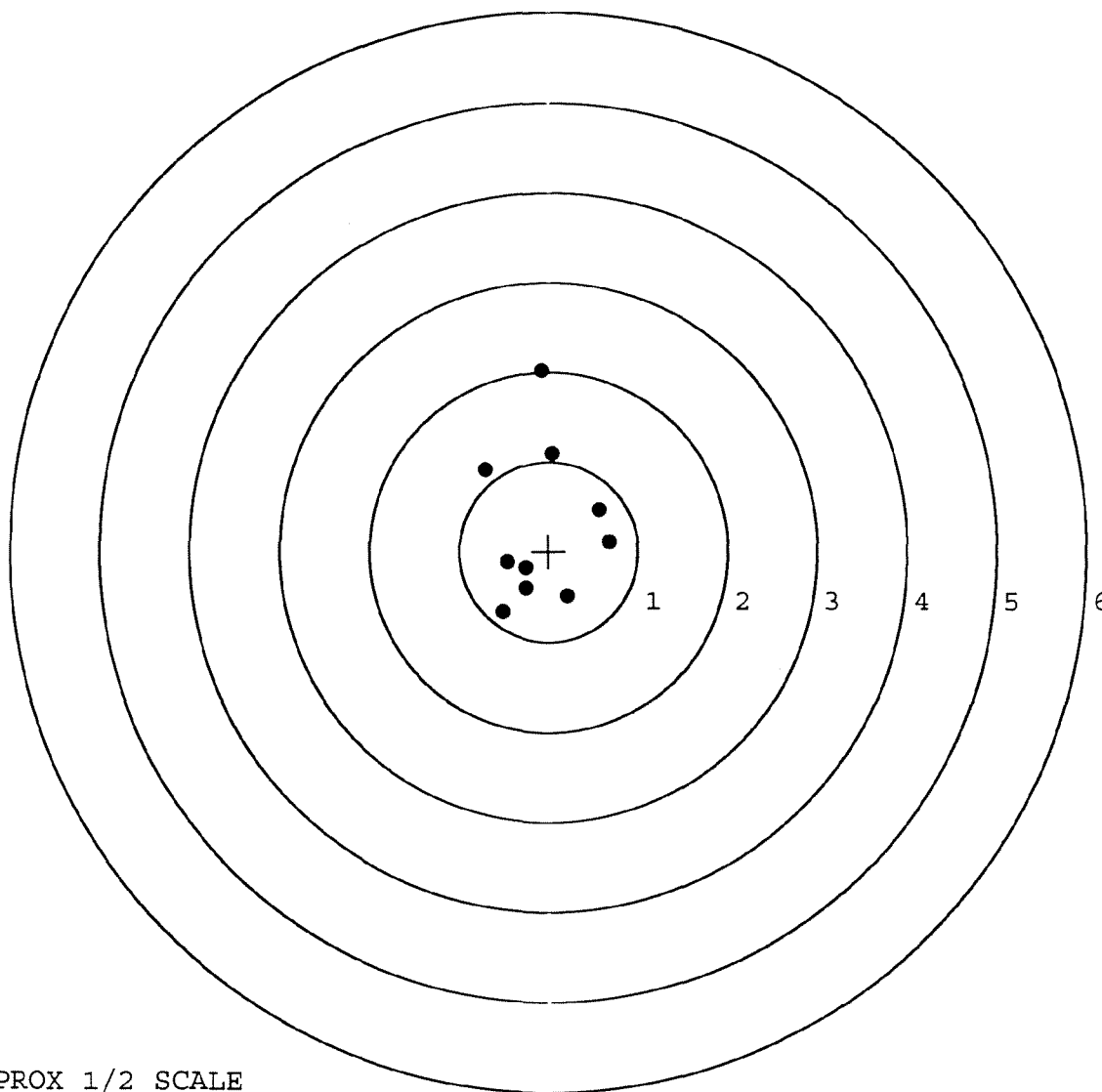
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.048
The Average Y Centroid of the Five Target Set:	0.137
The Average Point of Impact of the Five Target Set:	0.145
The Average Mean Radius of the Five Target Set:	0.902
The Distance from POA to Centroid Target #1:	0.281
The Distance from Centroid Target #2 to Centroid Target #1:	0.158
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.285

SERIAL NUMBER: C6522169. __0
TARGET NUMBER: 1
FILE DATE: 08/05/2009
FILE TIME: 07:13

POINT#	X	Y
1:	-0.083	2.016
2:	-0.712	0.910
3:	0.046	1.087
4:	0.566	0.464
5:	0.676	0.105
6:	0.208	-0.497
7:	-0.515	-0.675
8:	-0.259	-0.408
9:	-0.463	-0.125
10:	-0.259	-0.181

X CENTROID: -0.080
Y CENTROID: 0.270
POA TO CENTROID: 0.281
HORZ SPREAD: 1.388
VERT SPREAD: 2.691
GROUP SPREAD: 2.725
MIN RADIUS: 0.485
MAX RADIUS: 1.746
MEAN RADIUS: 0.852
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

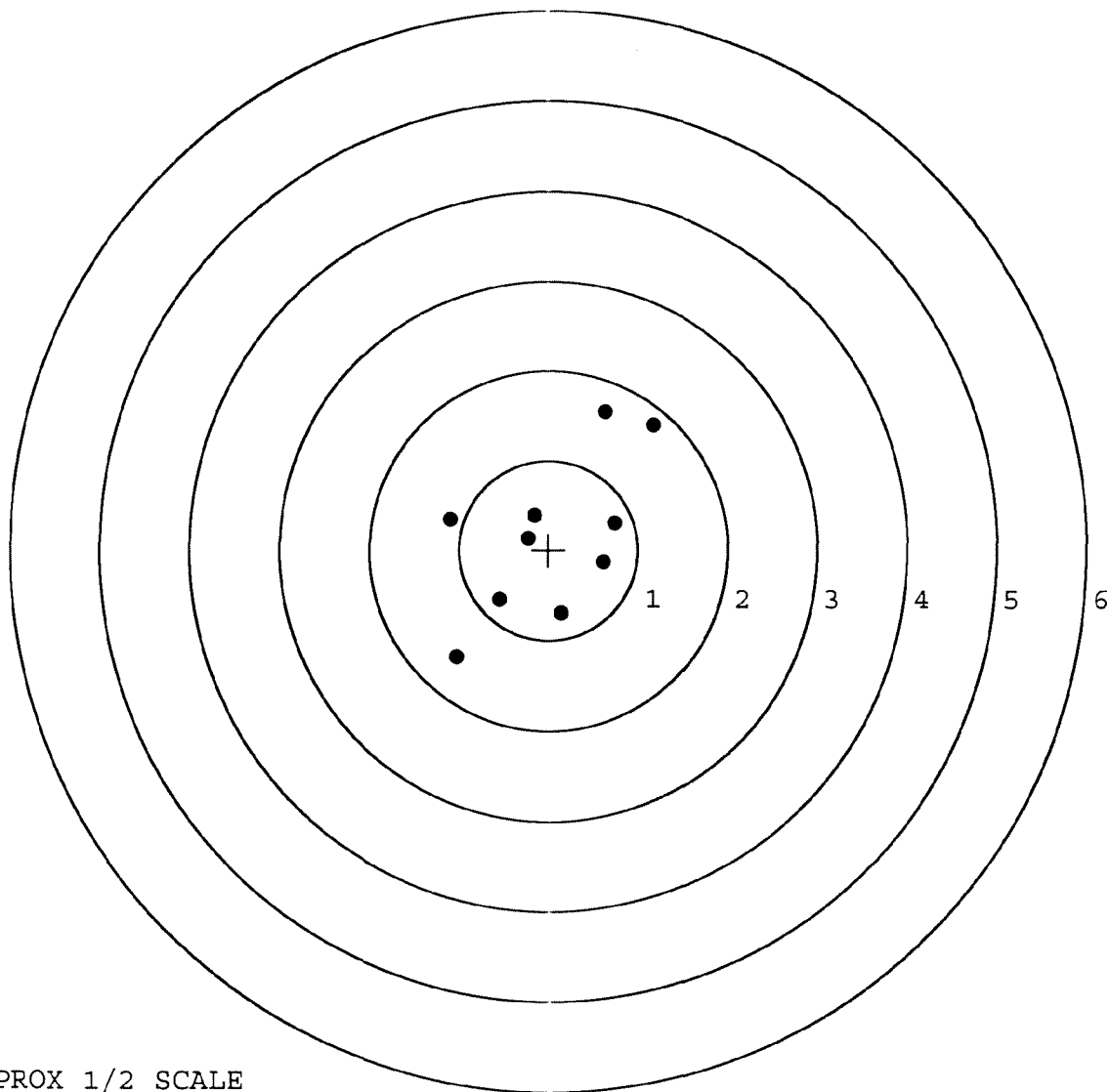


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169.___0
TARGET NUMBER: 2
FILE DATE: 08/05/2009
FILE TIME: 07:13

X CENTROID: 0.023
Y CENTROID: 0.148
POA TO CENTROID: 0.150
HORZ SPREAD: 2.276
VERT SPREAD: 2.727
GROUP SPREAD: 3.396
MIN RADIUS: 0.259
MAX RADIUS: 1.705
MEAN RADIUS: 0.979
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.635	1.536
2:	1.171	1.393
3:	-1.105	0.346
4:	-1.032	-1.191
5:	-0.547	-0.560
6:	0.146	-0.710
7:	0.619	-0.145
8:	0.739	0.299
9:	-0.236	0.130
10:	-0.165	0.386



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. __ 0

TARGET NUMBER: 3

FILE DATE: 08/05/2009

FILE TIME: 07:13

POINT#	X	Y
--------	---	---

1:	0.315	1.359
----	-------	-------

2:	1.129	0.382
----	-------	-------

3:	0.865	-0.718
----	-------	--------

4:	0.431	-0.394
----	-------	--------

5:	0.011	-0.755
----	-------	--------

6:	-0.837	0.837
----	--------	-------

7:	-0.773	0.442
----	--------	-------

8:	-0.556	0.184
----	--------	-------

9:	0.377	0.302
----	-------	-------

10:	0.113	0.027
-----	-------	-------

X CENTROID: 0.108

Y CENTROID: 0.167

POA TO CENTROID: 0.198

HORZ SPREAD: 1.966

VERT SPREAD: 2.114

GROUP SPREAD: 2.149

MIN RADIUS: 0.140

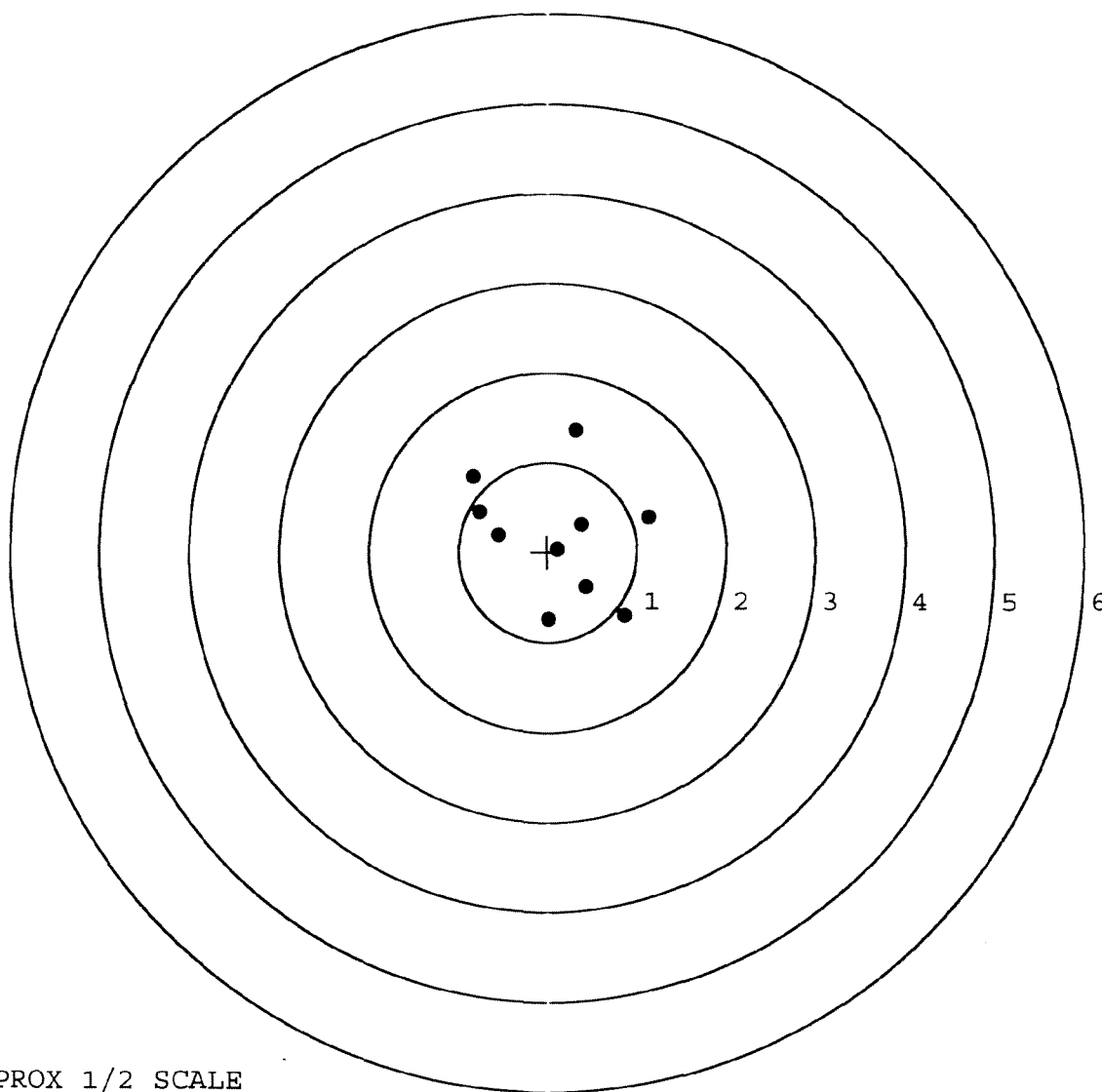
MAX RADIUS: 1.210

MEAN RADIUS: 0.818

IN 1 IN DIAMETER: 2

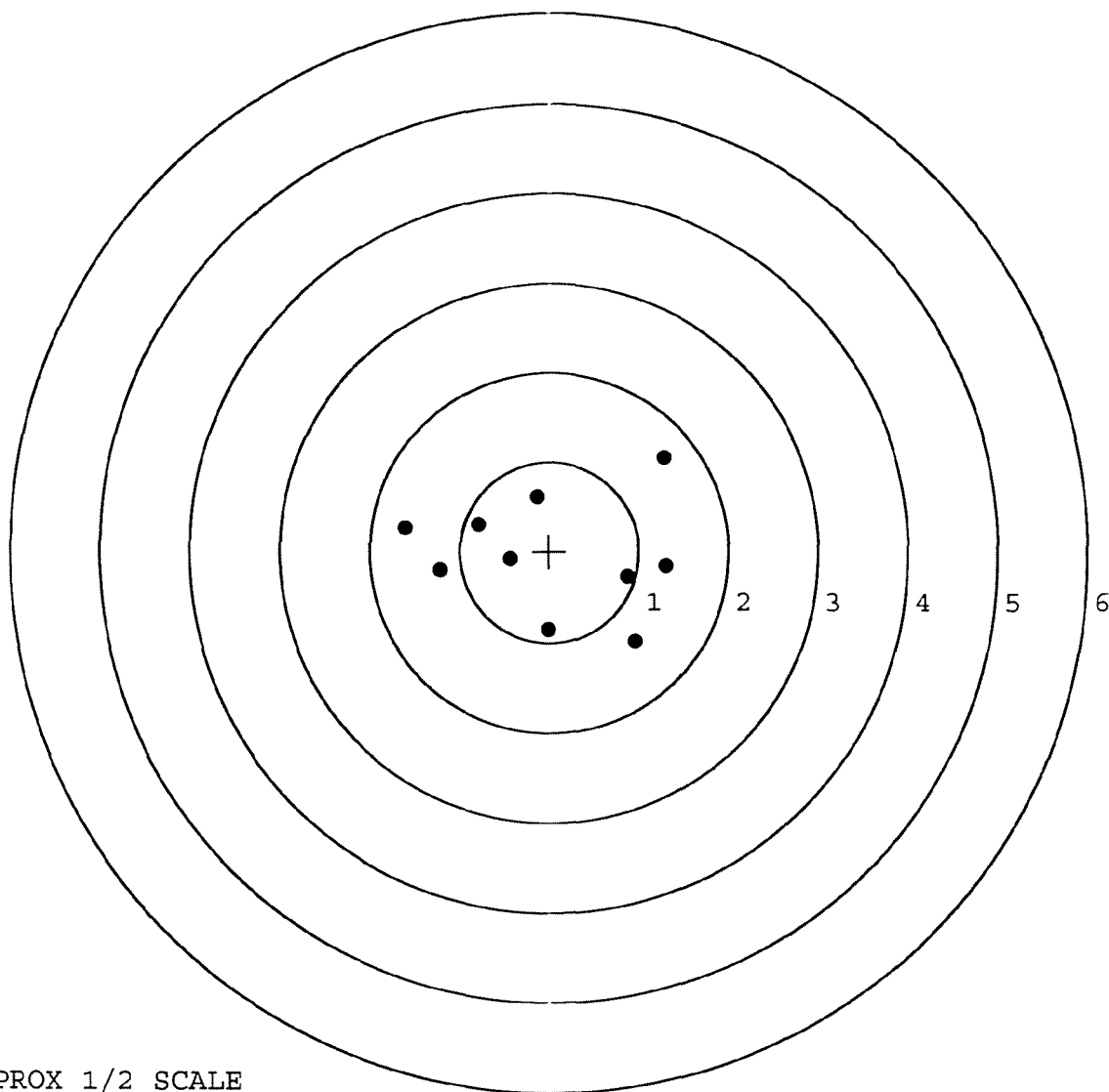
IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-1.611	0.261
FILE DATE: 08/05/2009	2:	-1.217	-0.212
FILE TIME: 07:13	3:	-0.796	0.301
	4:	-0.439	-0.084
X CENTROID: 0.020	5:	-0.139	0.610
Y CENTROID: -0.037	6:	1.285	1.042
POA TO CENTROID: 0.042	7:	1.303	-0.160
HORZ SPREAD: 2.914	8:	0.879	-0.277
VERT SPREAD: 2.032	9:	0.955	-0.990
GROUP SPREAD: 2.999	10:	-0.018	-0.863
MIN RADIUS: 0.462			
MAX RADIUS: 1.663			
MEAN RADIUS: 1.092			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 8			

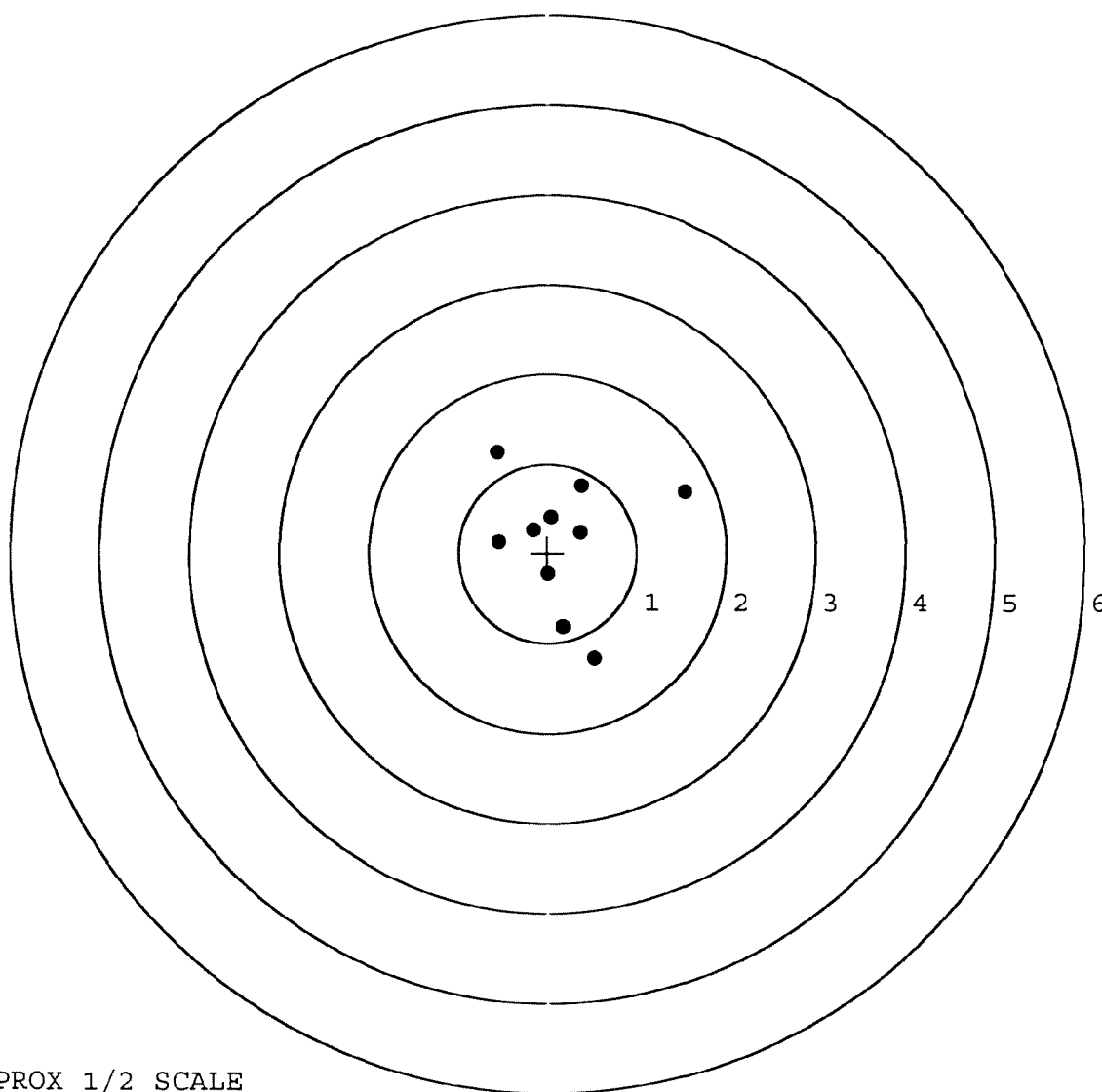


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. __0
TARGET NUMBER: 5
FILE DATE: 08/05/2009
FILE TIME: 07:13

POINT#	X	Y
1:	1.529	0.692
2:	-0.567	1.127
3:	0.526	-1.179
4:	0.169	-0.827
5:	0.006	-0.234
6:	-0.554	0.128
7:	-0.168	0.254
8:	0.362	0.231
9:	0.035	0.404
10:	0.379	0.758

X CENTROID: 0.172
Y CENTROID: 0.135
POA TO CENTROID: 0.219
HORZ SPREAD: 2.096
VERT SPREAD: 2.306
GROUP SPREAD: 2.158
MIN RADIUS: 0.213
MAX RADIUS: 1.467
MEAN RADIUS: 0.769
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00092477** Serial: C6522169 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/18/1990 Repairman: Status: Closed 2/4/2005 9:38:35 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: Address 2: PO Box: PO Box:

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

State: **AL** Zip Code: **36201 4199** Country: **US** State: **AL** Zip Code: **36201 4199** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

neglet 2/7/2005 11:29 AM CAPS NUM INS SCPL

start 3

Serial Number: **C6522169**

Model: **M24 SWS**



RE00092477

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE

4-4-05

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.35	2.61		2.28	
PULL #2	2.26	2.63		2.30	
PULL #3	2.29	2.59		2.29	
PULL #4	2.35	2.54		2.25	
PULL #5	2.48	2.46		2.14	
TOTAL	11.73	12.83		11.26	
AVERAGE	2.34	2.56		2.25	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.25		
PULL #2	3.30	3.31		
PULL #3	3.35	3.34		
PULL #4	3.21	3.32		
PULL #5	3.22	3.27		
TOTAL	16.35	16.49		
AVERAGE	3.27	3.29		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.38	4.38		4.19
PULL #2	4.44	4.38		4.27
PULL #3	4.28	4.38		4.27
PULL #4	4.36	4.41		4.28
PULL #5	4.31	4.35		4.18
TOTAL	21.77	21.90		21.19
AVERAGE	4.35	4.38		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522169.___0
FILE DATE AND TIME: 05/12/2005 07:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.916
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.674
The Distance from Centroid Target #3 to Centroid Target #1:	0.297
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

SERIAL NUMBER: C6522169. __0

TARGET NUMBER: 1

FILE DATE: 05/12/2005

FILE TIME: 07:13

POINT#	X	Y
1:	0.535	-1.023
2:	0.653	-0.533
3:	-0.577	-0.521
4:	-0.528	-0.110
5:	-0.203	0.221
6:	0.208	-0.217
7:	0.295	0.108
8:	0.317	0.455
9:	-0.763	1.299
10:	-1.257	1.391

X CENTROID: -0.132

Y CENTROID: 0.107

POA TO CENTROID: 0.170

HORZ SPREAD: 1.910

VERT SPREAD: 2.414

GROUP SPREAD: 3.006

MIN RADIUS: 0.134

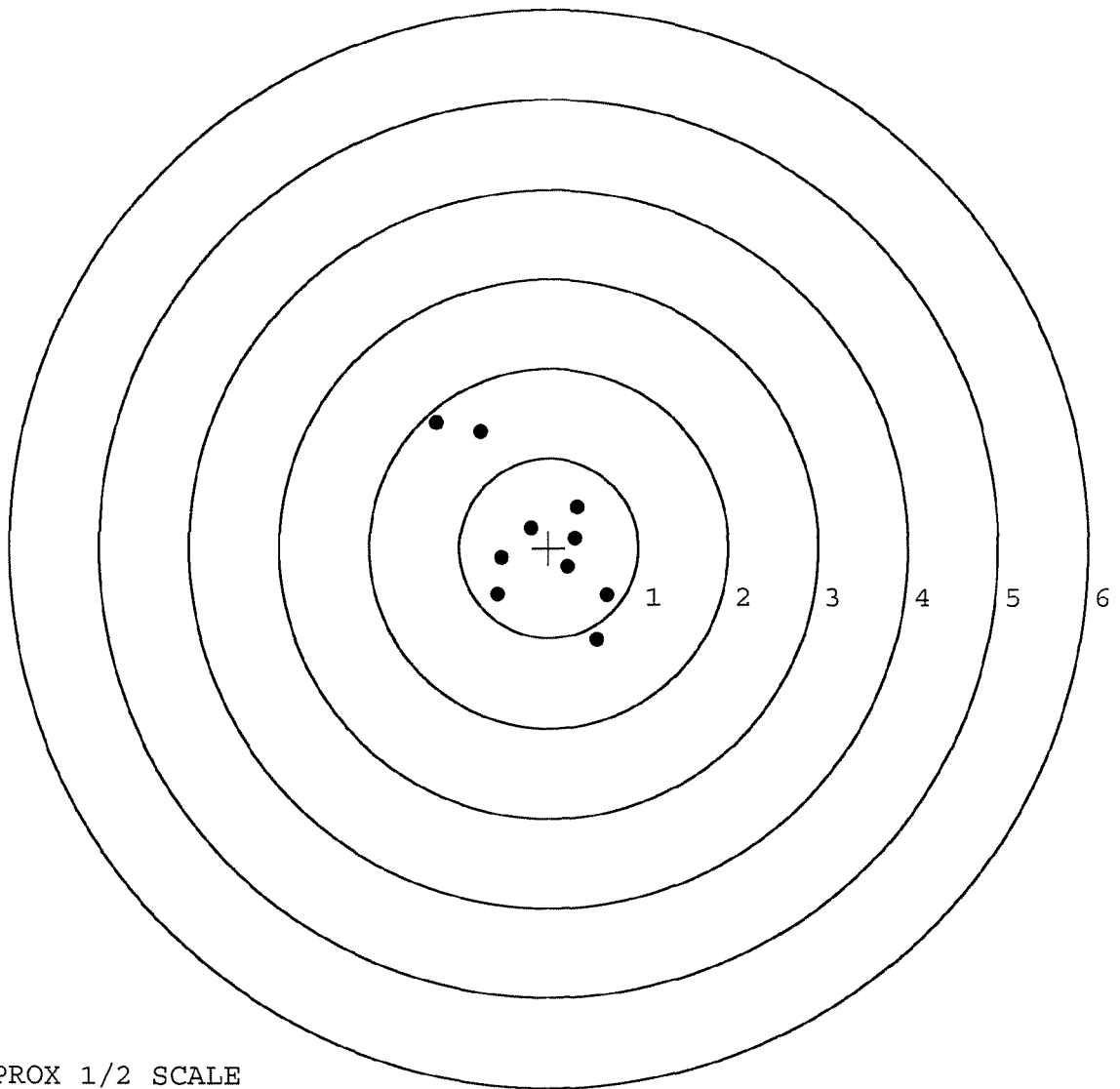
MAX RADIUS: 1.707

MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

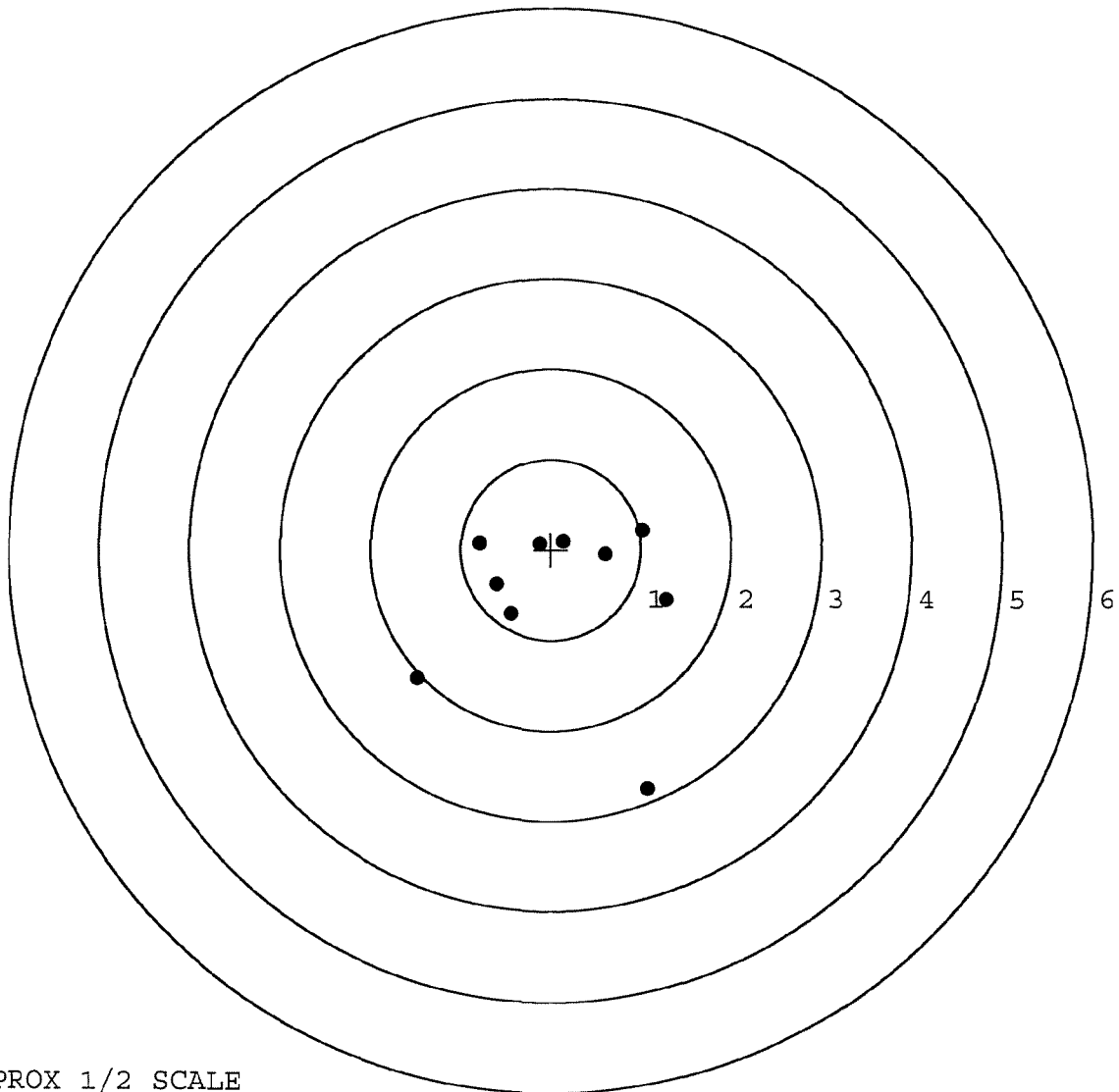


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169.____0
TARGET NUMBER: 2
FILE DATE: 05/12/2005
FILE TIME: 07:13

X CENTROID: 0.068
Y CENTROID: -0.536
POA TO CENTROID: 0.541
HORZ SPREAD: 2.760
VERT SPREAD: 2.862
GROUP SPREAD: 3.299
MIN RADIUS: 0.540
MAX RADIUS: 2.343
MEAN RADIUS: 1.080
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.279	-0.562
2:	1.013	0.210
3:	0.607	-0.055
4:	0.145	0.093
5:	-0.123	0.063
6:	-0.440	-0.719
7:	-0.600	-0.388
8:	-0.792	0.068
9:	-1.481	-1.420
10:	1.075	-2.652



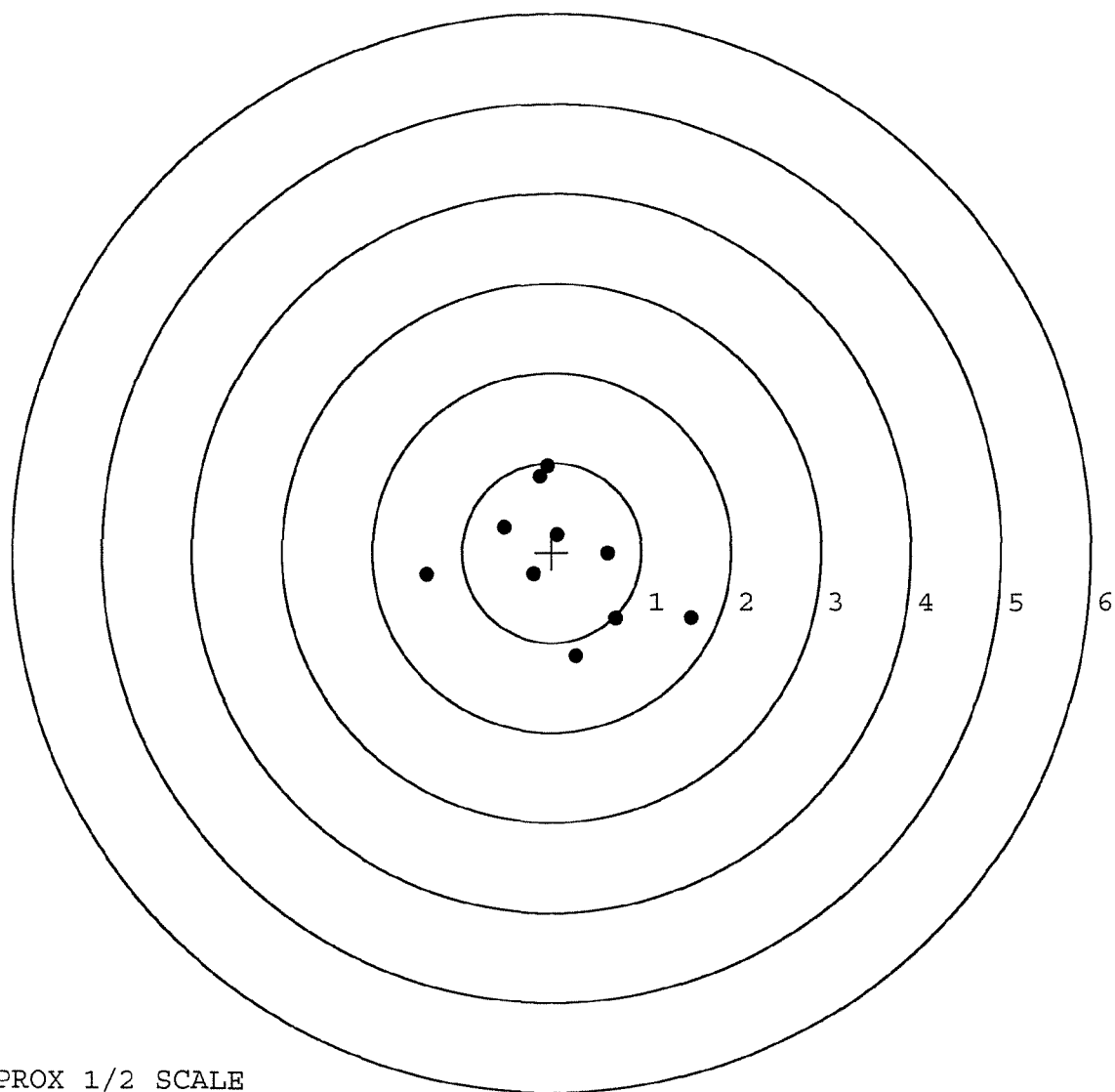
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. 0
TARGET NUMBER: 3
FILE DATE: 05/12/2005
FILE TIME: 07:13

X CENTROID: 0.093
Y CENTROID: -0.087
POA TO CENTROID: 0.127
HORZ SPREAD: 2.940
VERT SPREAD: 2.119
GROUP SPREAD: 2.979
MIN RADIUS: 0.285
MAX RADIUS: 1.596
MEAN RADIUS: 0.897

POINT#	X	Y
1:	1.553	-0.732
2:	0.719	-0.739
3:	0.272	-1.158
4:	0.630	-0.016
5:	0.066	0.197
6:	-0.204	-0.242
7:	-0.535	0.271
8:	-0.135	0.841
9:	-0.048	0.961
10:	-1.387	-0.251

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

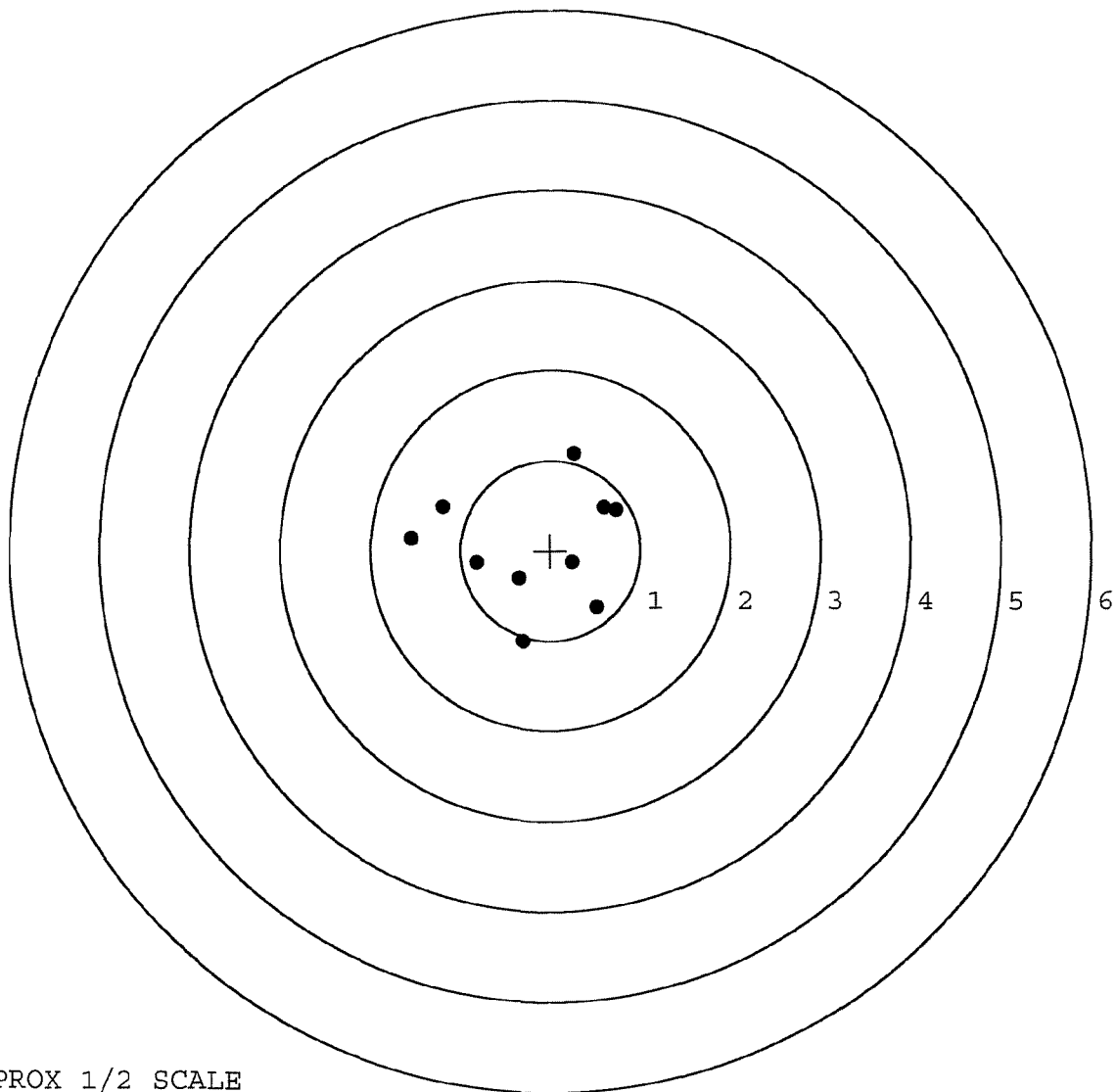


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. __0
TARGET NUMBER: 4
FILE DATE: 05/12/2005
FILE TIME: 07:13

X CENTROID: -0.188
Y CENTROID: 0.042
POA TO CENTROID: 0.192
HORZ SPREAD: 2.278
VERT SPREAD: 2.090
GROUP SPREAD: 2.300
MIN RADIUS: 0.389
MAX RADIUS: 1.365
MEAN RADIUS: 0.905
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.309	-1.013
2:	-0.347	-0.313
3:	-0.825	-0.137
4:	-1.549	0.139
5:	-1.195	0.487
6:	0.514	-0.631
7:	0.240	-0.132
8:	0.729	0.457
9:	0.599	0.484
10:	0.266	1.077

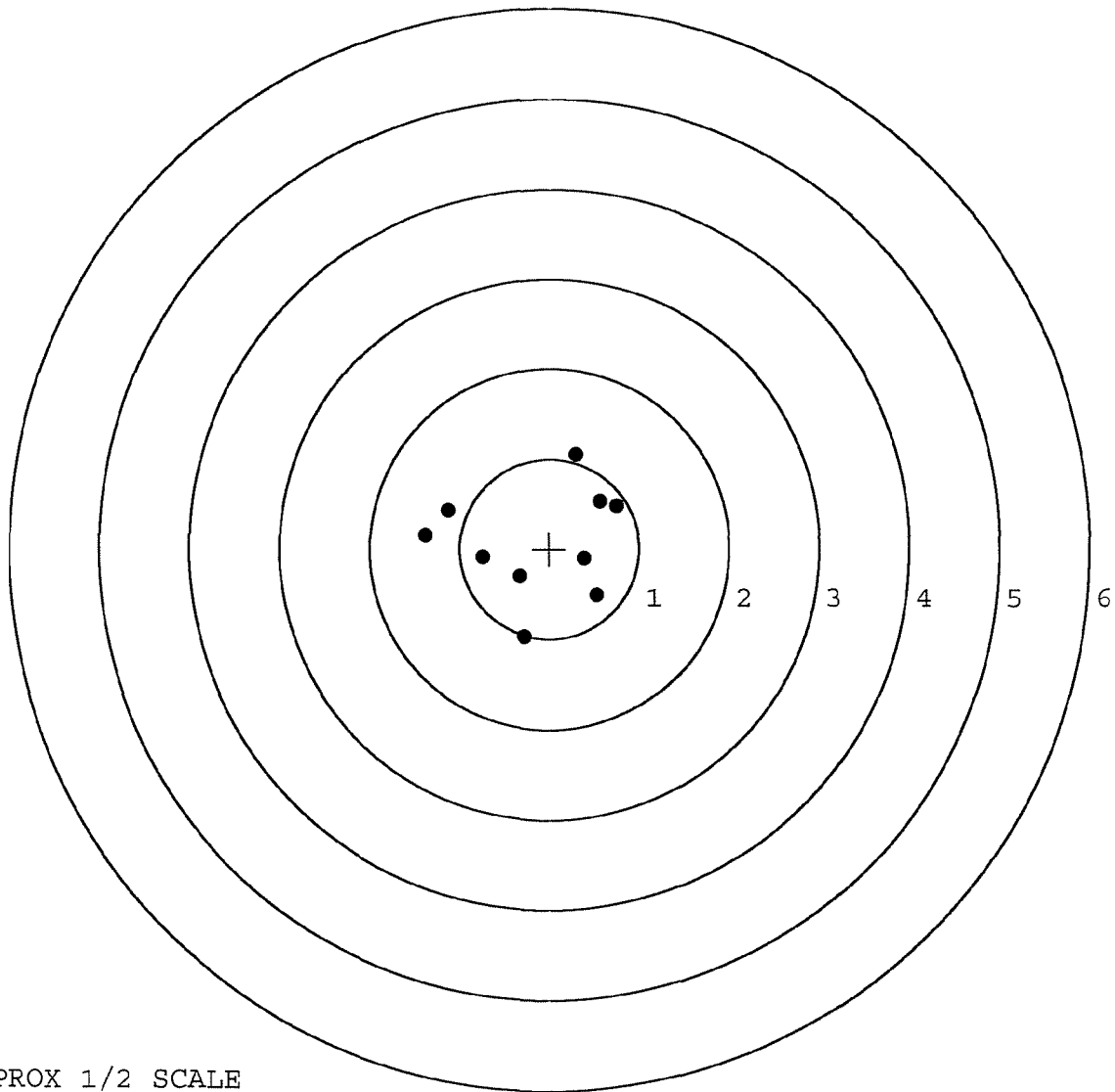


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. 0
TARGET NUMBER: 5
FILE DATE: 05/12/2005
FILE TIME: 07:13

X CENTROID: -0.133
Y CENTROID: 0.061
POA TO CENTROID: 0.146
HORZ SPREAD: 2.132
VERT SPREAD: 2.036
GROUP SPREAD: 2.157
MIN RADIUS: 0.423
MAX RADIUS: 1.250
MEAN RADIUS: 0.876
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.533	-0.522
2:	0.393	-0.112
3:	-0.281	-0.984
4:	-0.327	-0.315
5:	-0.745	-0.098
6:	-1.380	0.148
7:	-1.131	0.431
8:	0.752	0.478
9:	0.560	0.529
10:	0.297	1.052



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92477		
SERIAL NUMBER	C6522169		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR	BS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WS
625 A	FINAL ASSEMBLY	5-10-05	RTZ
B	TRIGGER PULL TEST	5-17-05	TRW
C	SAFETY "ON" FORCE	5-26-05	AC
D	SAFETY "OFF" FORCE	5-26-05	AC
E	FIRING PIN INDENT	5-26-05	AC
640	TARGET	5-12-05	TRW
655	FINAL INSPECT	5-26-05	AC
660	PACK	7-6-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Scope S/N 91-1368

BBL - 96003
EXtractor - 91816

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6522169

9 Jun 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0646

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2106

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220285

THE AMR FOR THIS RIFLE IS: 1.211

CENTROIDAL DISTANCES

Ø TO	1	.510819
1 TO	2	.355124
1 TO	3	.845204
1 TO	4	1.03921
1 TO	5	.565191

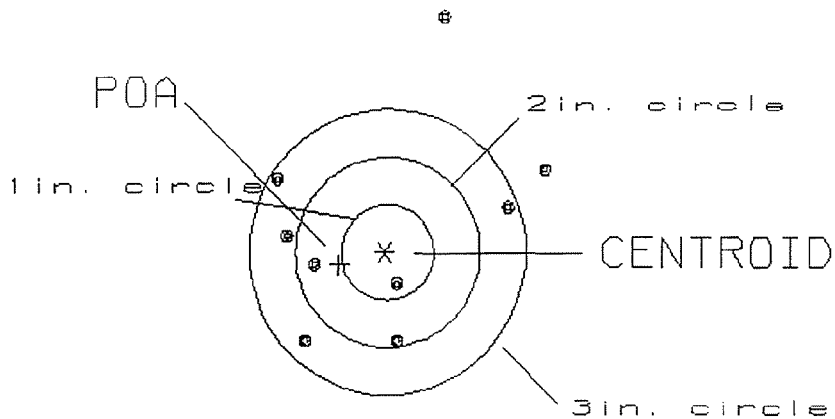
 + 2 1
 5 <----POA
 3
 4

PATTERN #: 1
 POA TO CENTROID: .511
 MIN RADIUS : .338
 MEAN RADIUS : 1.428
 MAX RADIUS : 2.579
 CENTROID X : .494
 CENTROID Y : .130

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.98
 VS= 4.95
 GS= 4.97

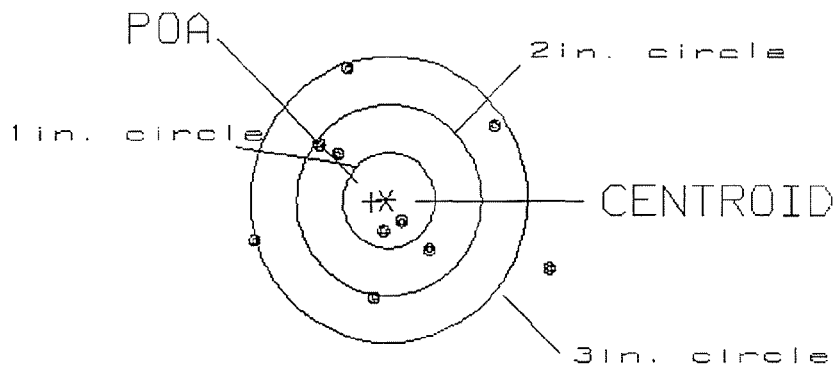
1
 3
 7

PATTERN #: 2
 POA TO CENTROID: .158
 MIN RADIUS : .234
 MEAN RADIUS : 1.037
 MAX RADIUS : 1.938
 CENTROID X : .157
 CENTROID Y : .018

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.29

2

VS= 2.44

5

GS= 3.30

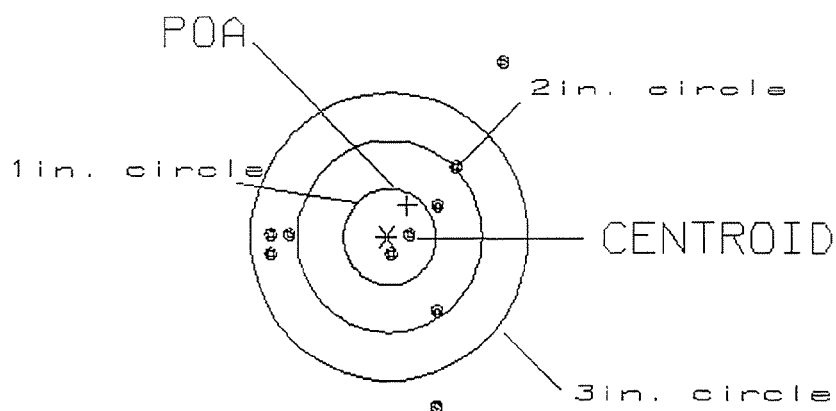
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .392
 MIN RADIUS : .205
 MEAN RADIUS : 1.068
 MAX RADIUS : 2.220
 CENTROID X : -.217
 CENTROID Y : -.327

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.50

2

VS= 3.62

5

GS= 3.69

8

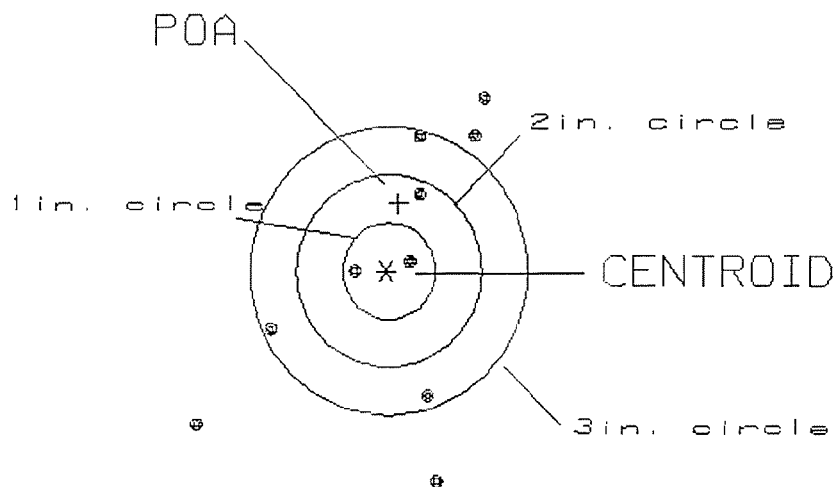
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .715
 MIN RADIUS : .270
 MEAN RADIUS : 1.424
 MAX RADIUS : 2.572
 CENTROID X : -.126
 CENTROID Y : -.704

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.06
 VS= 4.01
 GS= 4.57

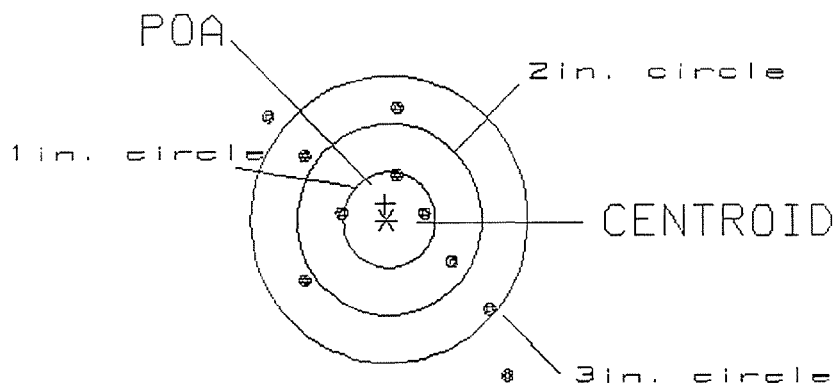
2
 3
 6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .170
 MIN RADIUS : .432
 MEAN RADIUS : 1.099
 MAX RADIUS : 2.123
 CENTROID X : .015
 CENTROID Y : -.170

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.66

3

VS= 2.86

4

GS= 3.85

8

FINAL Inspection

Sn: C6522169

DATE REC'D: 3-20-00

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:

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

R & E NUMBER 0000 7070			
SERIAL NUMBER C/522169			
LOG-IN DATE 3-20-00			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-6-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	4-24-00	RW
605	CHECK HEADSPACE	4-24-00	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	6-8-00	RW
655	FINAL INSPECT	6-12-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			




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

MODEL 700™ H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off; Marca Registrada Marques Deposees.

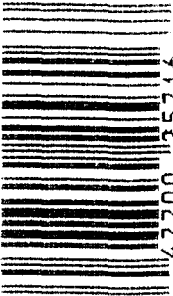
Ø1

SERIAL NO.	C6522169
ORDER NO.	5716



5716 C6522169

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522169

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	
617	Drill and Tap Sight Holes		9-25-90	F.B.
618	Polish Barrel AB		9/25/90	W.B.
620	Apply Coatings (Barrel Action)		10-2-90	PA
	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		10/19/90	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/24/90	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			10/24/90	WB
	H) Trigger Pull Test & Retainability						10/19/90	JS
	I) Firing Pin Indent	.0215	.022	.0215			10/24/90	WB
	J) Assemble Stock						10/29/90	RW
	K) Assemble Swivel Studs						3/18/90	JS
	L) Attach Front and Rear Sight Assemblies						10/29/90	RW
	M) Iron Sight Alignment						10/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/29/90	RW
	O) Attach Scope to Rifle						10/29/90	RW
	P) Detach & Attach Scope 20 Times						10/29/90	RW
640	Gallery Target & Test						10-30-90	DH
	A) Time						10-30-90	DH
	B) Malfunctions						10-30-90	DH
	C) Pierced Primers						10-30-90	DH
	D) Optical Clarity of Scope						10-30-90	DH
645	Inspect for Live Ammo						10-30-90	DH
655	Final Inspection							
	A) Headspace						3/18/90	JS
	B) Trigger Pull	212	216	219	216	210	3/18/90	JS
	C) Function						3/18/90	JS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C.6522169

DATE 10/19/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.21	2.40	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.32	2.47	2.16	
PULL #3	2.49	2.29	2.44	2.19	
PULL #4	2.30	2.50	2.50	2.16	
PULL #5	2.45	2.38	2.50	2.10	
TOTAL	12.16	11.70	12.31		
AVG.	2.432	2.34	2.462		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.23		
PULL #2	3.20	3.28		
PULL #3	3.23	3.20		
PULL #4	3.26	3.21		
PULL #5	3.16	3.23		
TOTAL	16.1	16.15		
AVG.	3.22	3.23		

	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		4.21
PULL #2	4.15	4.23		4.19
PULL #3	4.41	4.21		4.17
PULL #4	4.29	4.23		4.20
PULL #5	4.25	4.22		4.19
TOTAL	21.43	21.09		20.96
AVG.	4.286	4.218		4.192

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522169
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.206495
1 TO	2	.451701
1 TO	3	.552548
1 TO	4	.194288
1 TO	5	.503438

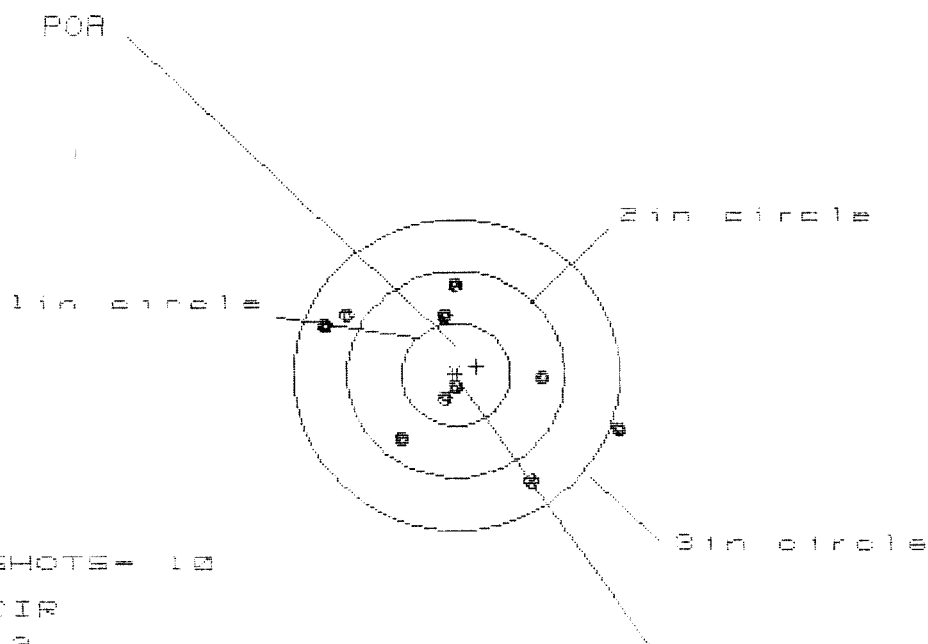
$\frac{2}{143}$ (----POR)

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8388
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113821
THE AMR FOR THIS RIFLE IS: .9148

30 Oct 1980

FILE:/PATTERNING/CENTERFIRE_PATT/08522189

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.748

VS = 1.919

GS = 2.910

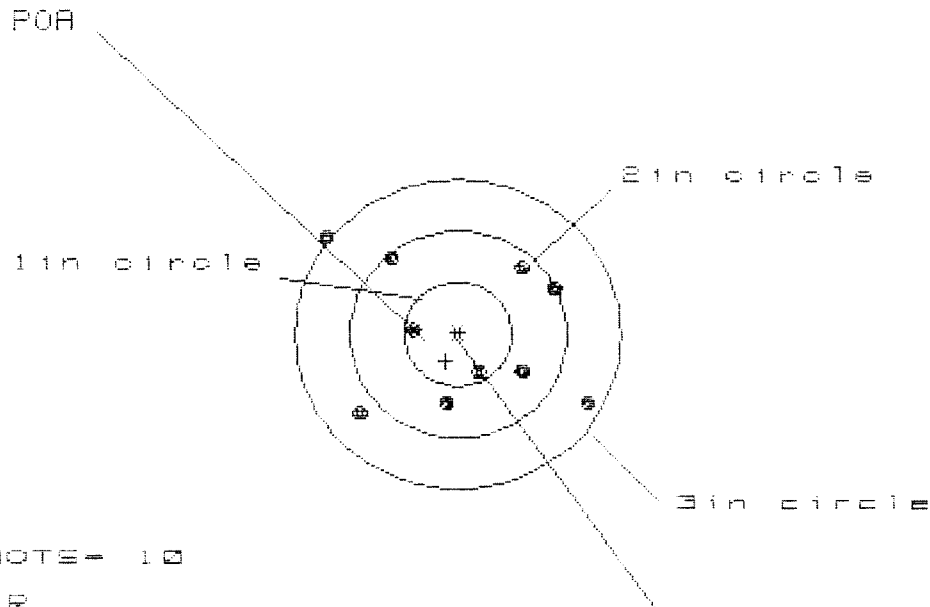
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.519	.939	.807
MINIMUM X	-1.229	-1.060	-1.961
MAXIMUM Y	.911	.856	.908
MINIMUM Y	-1.008	-1.063	-1.611
CENTROID X	-.192	-.361	-.220
CENTROID Y	-.076	-.021	-.073
POA TO CENTROID in.	.287	.362	.248
MIN RADIUS	.152	.251	.154
MEAN RADIUS	.872	.789	.736
MAX RADIUS	1.596	1.372	1.250
HORIZONTAL SPREAD	2.748	1.999	1.768
VERTICAL SPREAD	1.919	1.919	1.919
EXTREME SPREAD	2.910	2.427	2.321
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522169

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 1

HS = 2.408

VS = 1.640

GS = 2.876

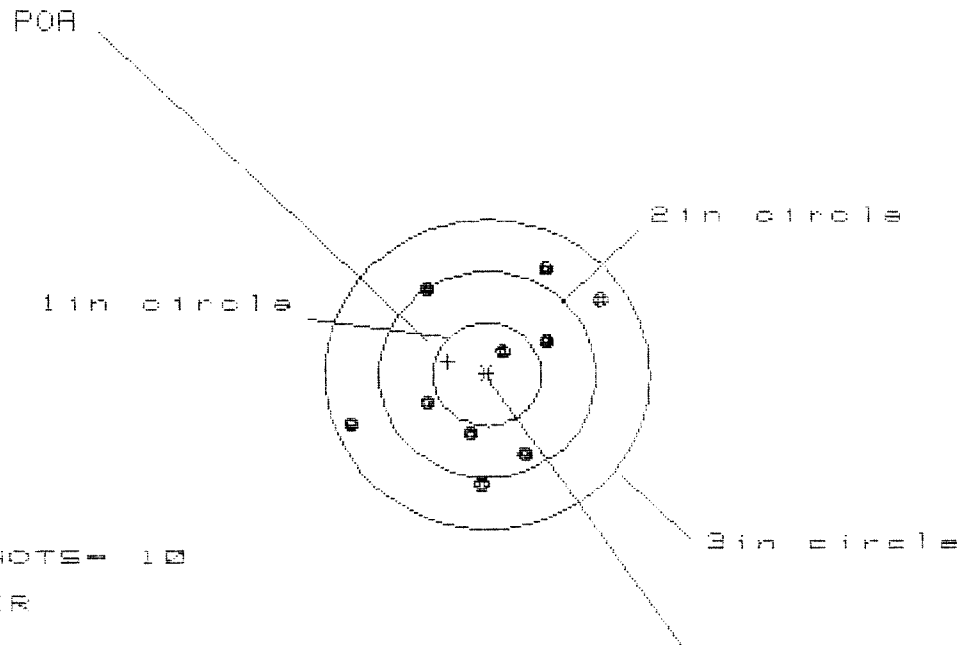
CENTROID #

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	1.060	.844
MINIMUM X	-1.213	-1.090	-.957
MAXIMUM Y	.911	.854	.784
MINIMUM Y	-.729	-.627	-.697
CENTROID X	.111	.246	.113
CENTROID Y	.259	.157	.227
POA TO CENTROID in.	.281	.292	.254
MIN RADIUS	.367	.265	.369
MEAN RADIUS	.898	.807	.759
MAX RADIUS	1.517	1.257	1.184
HORIZONTAL SPREAD	2.408	2.150	1.801
VERTICAL SPREAD	1.640	1.481	1.481
EXTREME SPREAD	2.876	2.328	2.121
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	1		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522169

CENTERFIRE PATTERNS # 3



OF SHOTS = 10
 # IN CIR
 1in = 1
 2in = 5
 3in = 10
 HS = 2.354
 VS = 2.056
 GS = 2.644

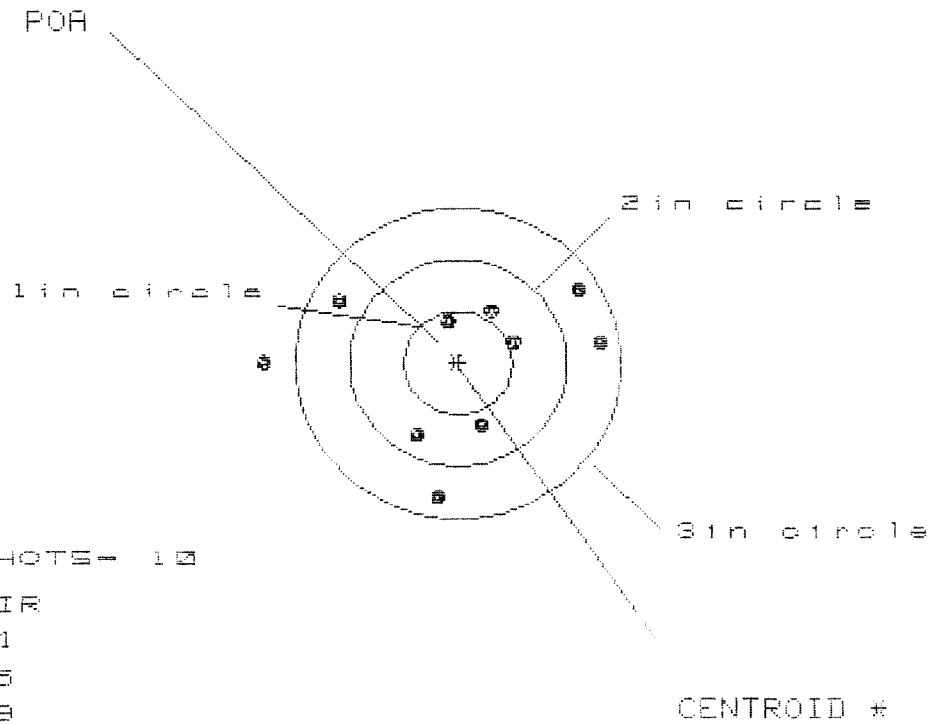
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.929	.513
MINIMUM X	:	-1.283	-.715	-.599
MAXIMUM Y	:	.986	.934	1.019
MINIMUM Y	:	-1.070	-1.122	-1.037
CENTROID X	:	.358	.500	.384
CENTROID Y	:	-.129	-.077	-.162
POA TO CENTROID in.	:	.381	.506	.417
MIN RADIUS	:	.301	.196	.315
MEAN RADIUS	:	.880	.811	.765
MAX RADIUS	:	1.367	1.151	1.141
HORIZONTAL SPREAD	:	2.354	1.644	1.112
VERTICAL SPREAD	:	2.056	2.056	2.056
EXTREME SPREAD	:	2.644	2.150	2.150
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522163

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 3.102

VS = 1.926

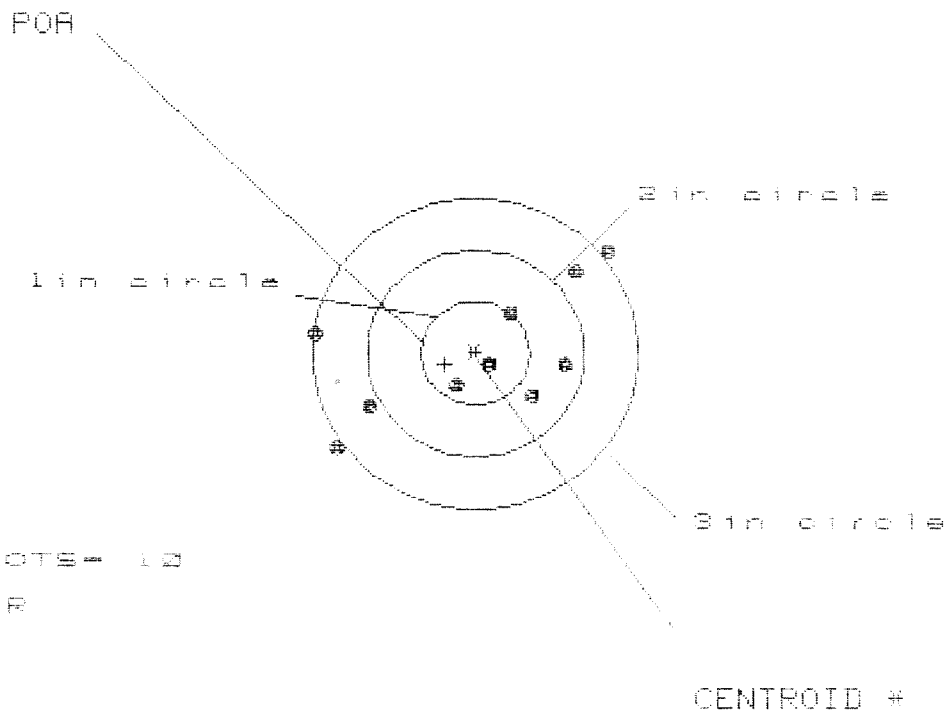
CS = 3.102

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.345	1.150	1.017
MINIMUM X	:	-1.758	-1.277	-1.133
MAXIMUM Y	:	.674	.678	.706
MINIMUM Y	:	-1.252	-1.248	-1.220
CENTROID X	:	-.010	.185	.041
CENTROID Y	:	-.008	-.012	-.039
POA TO CENTROID in.	:	.013	.185	.057
MIN RADIUS	:	.377	.386	.421
MEAN RADIUS	:	.990	.879	.845
MAX RADIUS	:	1.758	1.405	1.289
HORIZONTAL SPREAD	:	3.103	2.427	2.150
VERTICAL SPREAD	:	1.926	1.926	1.926
EXTREME SPREAD	:	3.108	2.454	2.280
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS522189

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.700

VS = 1.906

QS = 3.146

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.234	1.096	.954
MINIMUM X	:	-1.466	-1.329	-1.471
MAXIMUM Y	:	.986	.894	.792
MINIMUM Y	:	-.920	-.810	-.534
CENTROID X	:	.277	.140	.282
CENTROID Y	:	.107	-.003	.095
POA TO CENTROID in.	:	.297	.140	.299
MIN RADIUS	:	.130	.158	.121
MEAN RADIUS	:	.934	.862	.772
MAC RADIUS	:	1.579	1.414	1.489
HORIZONTAL SPREAD	:	2.700	2.425	2.425
VERTICAL SPREAD	:	1.906	1.704	1.326
EXTREME SPREAD	:	3.146	2.805	2.489
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-22144

INITIAL
JJM

CUSTOMER ORDER NO.

W/BI-POD

DATE RECEIVED
10/25/98DATE OPENED
10/26/98DATE CODE
DK 9-90SERIAL NUMBER
C6522169

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

SCOPE BASE

Scope # 91-1368

FROM:

SHIP TO:

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO AP

CA 96251

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO APCA
96251

CUST NO:183167 C.O.D.

ACCOUNT NUMBER

2293001

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

~~OK~~ ~~FAIR~~
KORGA

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			F1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E2	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

96040 - Scope

96082 - Scope Ring Assy.

Zeroed Scope for 200 yds

REPAIRMAN Ru	PROOF	CLEAN	TEST ✓	TARGET	PATTERN
GALLERY TESTER Ru	DATE	DATE	DATE 12/8/98	DATE	DATE

OFFICE COPY

RD9925 REV. 7/87

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400004145

SNIPER, RIFLE.

UNCSB. JSA - JSF
UNIT # 15162
APO, AP 96251-0417

DEPARTMENT OF THE ARMY

Commander

UNCSB-ISA, ATTN: S4

UNIT-15162

APO AP-96251-0417

OFFICIAL BUSINESS

REMINGTON ARMS COMPANY, INC.
ATTN: FABRICATED PRODUCTS DEPT.
14 HOEFLE AVENUE
ILION, NEW YORK 13357-1816

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