

C6523302

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* 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: **RE00162696** Serial: C6523302 Model M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Produced: 12/19/1990 Repairman: Status: Closed 2/24/2009 1:46:40 PM

Address Information

Customer: Received From Return To: Received From

Name: DEF DIST DEPOT ANNISTON AL DEF DIST DEPOT ANNISTON AL

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:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

Refresh Close

naplel 2/25/2009 1:59 PM CAPS NUM INS SCRL

start 9 Microsoft 4 Microsoft My Exite - Wi Arms Services Part Search by Create PM Noti

Serial Number: **C6523302**

Model: **M24 SWS**



RE00162696

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 162696SERIAL NUMBER 06523302LOG-IN DATE 7-24-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-27-09	RTZ
505	RE-BARREL	6-24-09	RTZ
420	ASSEMBLE	6-24-09	RTZ
440	PROOF	6-23-09	SP
460	CHECK HEADSPACE	6-23-09	SP
470	DIS-ASSEMBLE GUN	6-23-09	SP
480	MAGNAFLUX	6-26-09	SP
510	DRILL AND TAP	6-24-09	SP
500	ROLLMARK CALIBER	6-26-09	RTZ
520	GOFF BLAST BBL / REC	6-26-09	RTZ
530 & 540	APPLY COATINGS	7-2	SP
560	FINAL ASSEMBLY	7-8-09	RTZ
640	FUNCTION TEST AND	7-8-09	SP
650	TARGET	7-8-09	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-8-09	SP
	A) HEADSPACE	7-13-09	RTZ
	B) TRIGGER PULL	254 247 232 245 252 7-13-09	SP
680	F) SAFETY ON FORCE	4° 4° 4° 7-13-09	SP
	G) SAFETY OFF FORCE	5° 5° 5° 7-13-09	RTZ
	I) FIRING PIN INDENT	.024 .024 .024 7-13-09	RTZ
690	PACK	7-14-09	RTZ

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523302.___0
FILE DATE AND TIME: 07/09/2009 10:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.112
The Average Y Centroid of the Five Target Set:	0.036
The Average Point of Impact of the Five Target Set:	0.118
The Average Mean Radius of the Five Target Set:	0.619
The Distance from POA to Centroid Target #1:	0.098
The Distance from Centroid Target #2 to Centroid Target #1:	0.115
The Distance from Centroid Target #3 to Centroid Target #1:	0.152
The Distance from Centroid Target #4 to Centroid Target #1:	0.356
The Distance from Centroid Target #5 to Centroid Target #1:	0.082

SERIAL NUMBER: C6523302. __0

TARGET NUMBER: 1

FILE DATE: 07/09/2009

FILE TIME: 10:38

POINT#	X	Y
1:	-1.055	0.231
2:	0.207	0.581
3:	0.605	-1.111
4:	0.806	-0.150
5:	0.324	-0.208
6:	0.302	0.076
7:	-0.362	0.072
8:	-0.021	0.082
9:	-0.204	-0.164
10:	0.060	-0.130

X CENTROID: 0.066

Y CENTROID: -0.072

POA TO CENTROID: 0.098

HORZ SPREAD: 1.861

VERT SPREAD: 1.692

GROUP SPREAD: 2.135

MIN RADIUS: 0.058

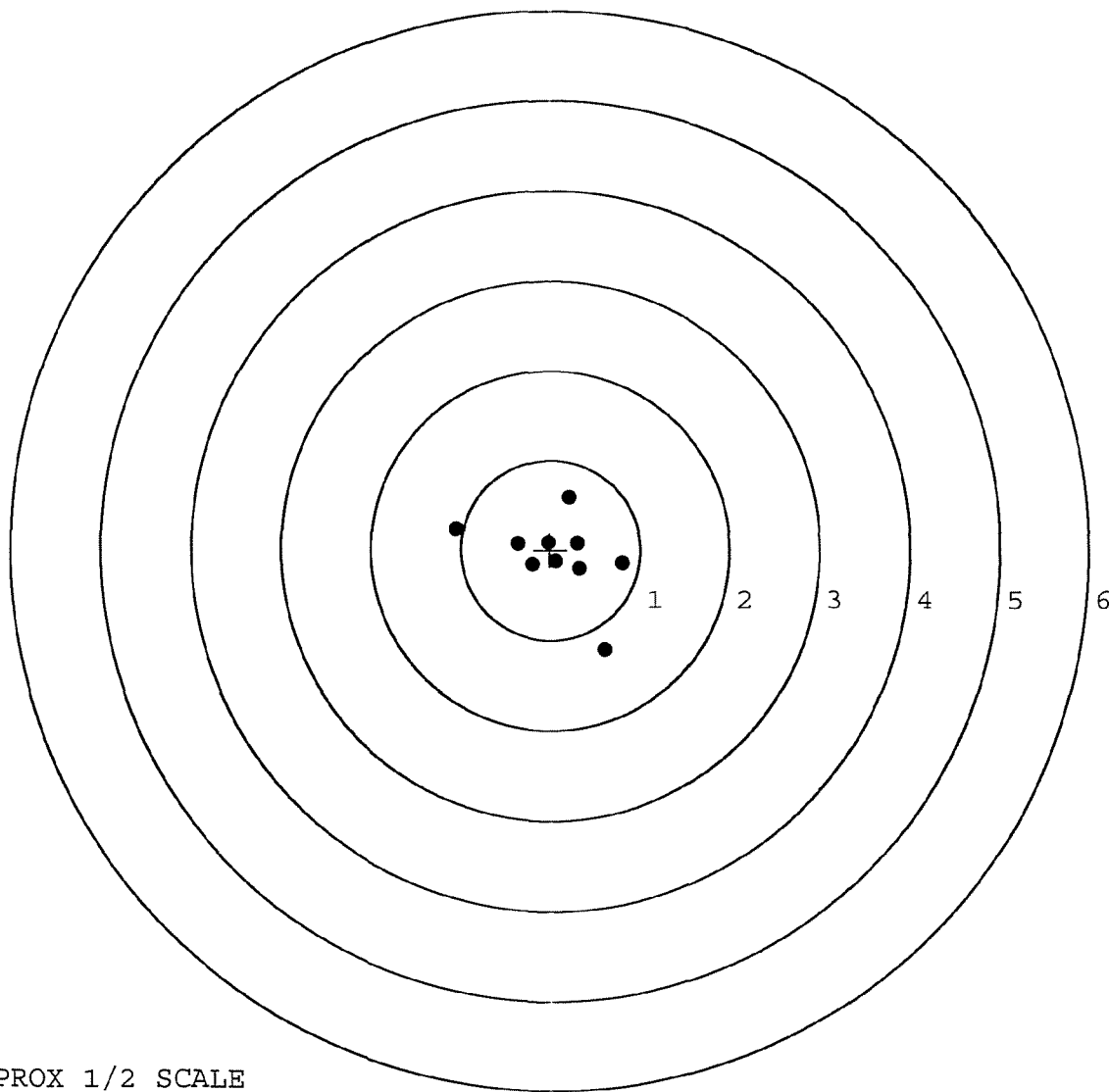
MAX RADIUS: 1.170

MEAN RADIUS: 0.529

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. 0

TARGET NUMBER: 2

FILE DATE: 07/09/2009

FILE TIME: 10:38

POINT#	X	Y
1:	1.580	0.223
2:	0.906	0.282
3:	0.307	0.613
4:	0.388	0.154
5:	0.169	-0.847
6:	-0.209	-0.646
7:	-0.217	0.174
8:	-0.399	-0.151
9:	-0.635	0.043
10:	-0.083	-0.533

X CENTROID: 0.181

Y CENTROID: -0.069

POA TO CENTROID: 0.193

HORZ SPREAD: 2.215

VERT SPREAD: 1.460

GROUP SPREAD: 2.222

MIN RADIUS: 0.304

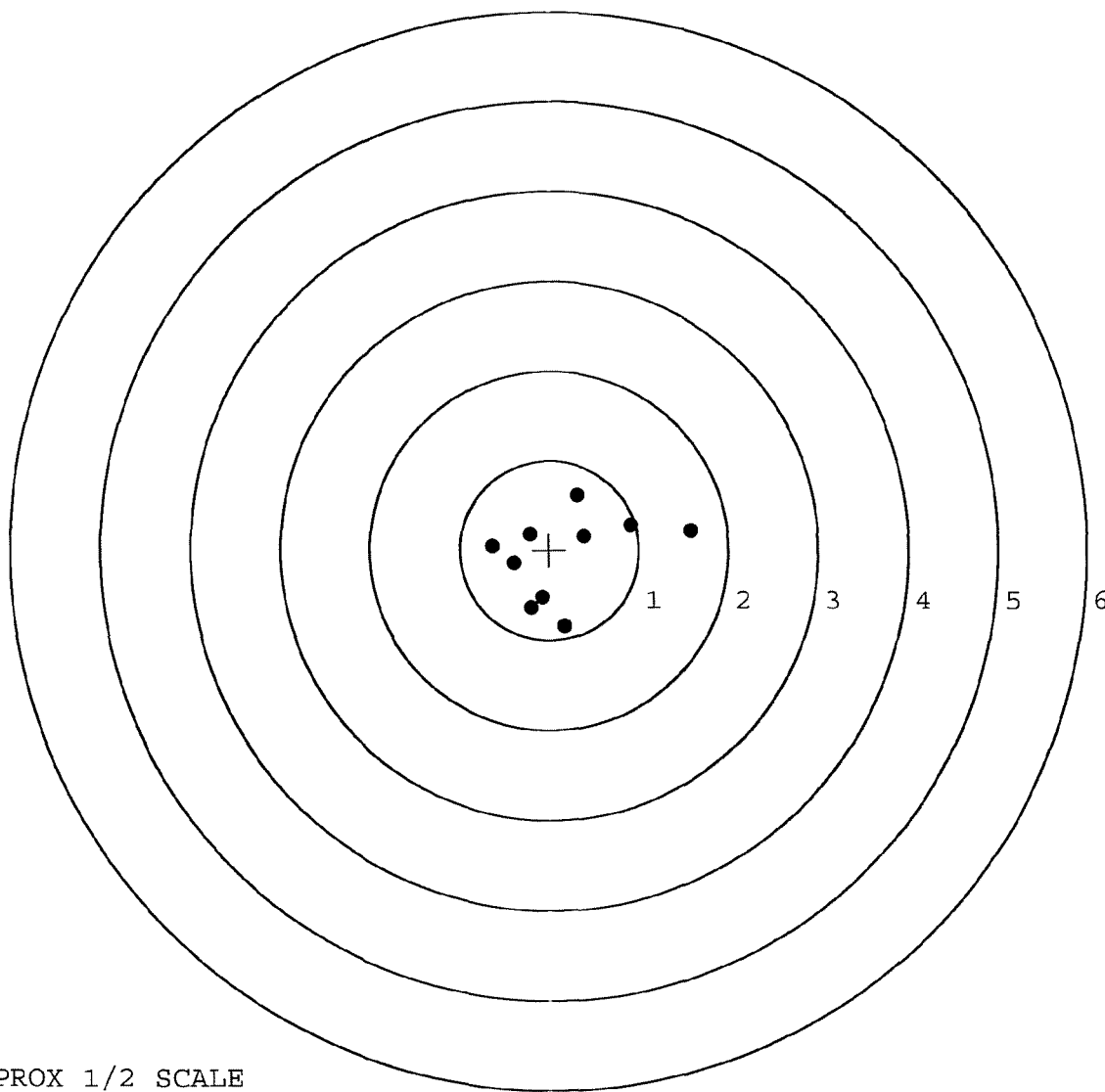
MAX RADIUS: 1.429

MEAN RADIUS: 0.712

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. 0

TARGET NUMBER: 3

FILE DATE: 07/09/2009

FILE TIME: 10:38

X CENTROID: 0.177

Y CENTROID: 0.032

POA TO CENTROID: 0.180

HORZ SPREAD: 2.293

VERT SPREAD: 1.111

GROUP SPREAD: 2.295

MIN RADIUS: 0.091

MAX RADIUS: 1.582

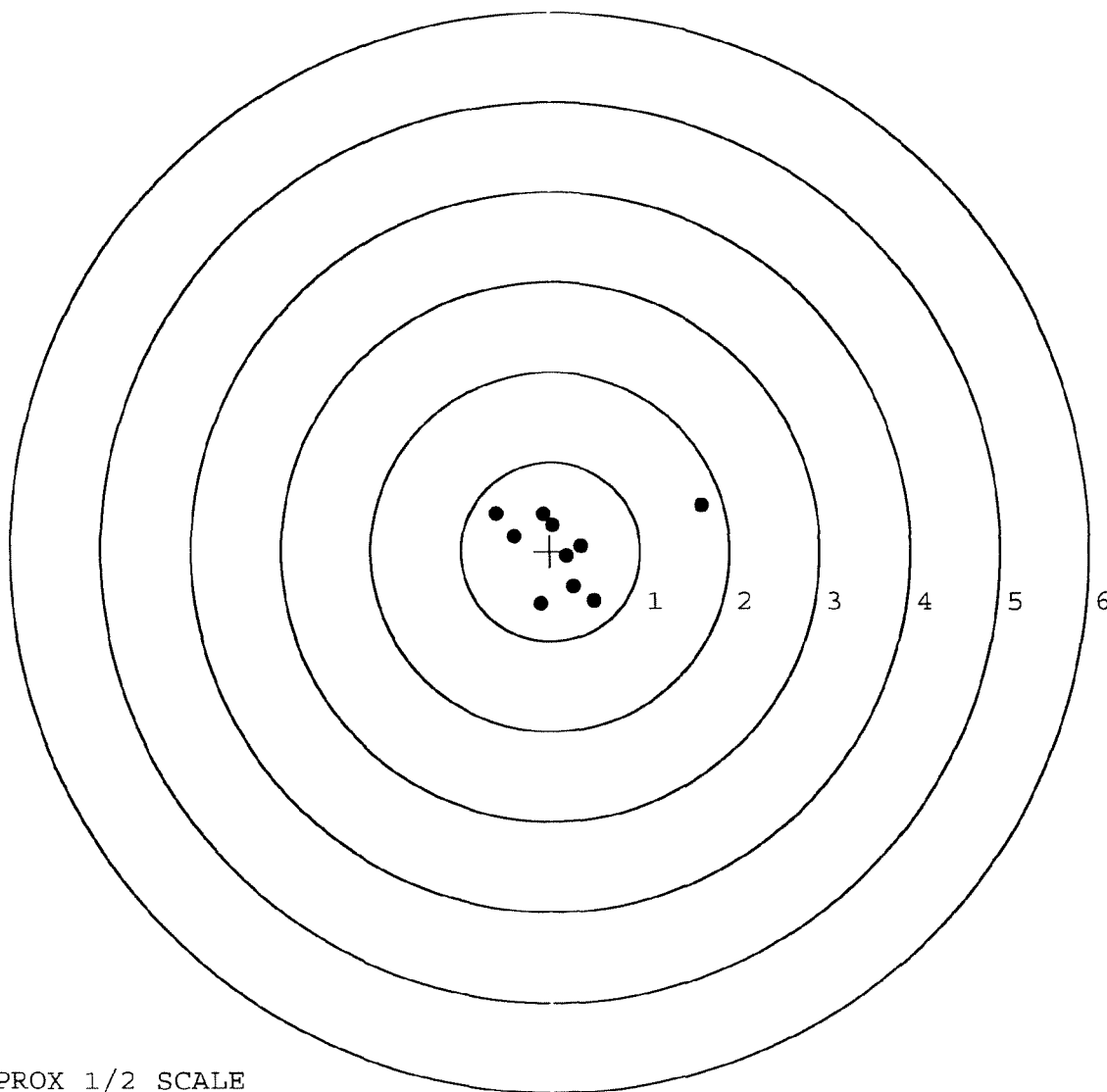
MEAN RADIUS: 0.588

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.681	0.522
2:	0.487	-0.549
3:	0.259	-0.396
4:	-0.108	-0.589
5:	0.184	-0.059
6:	0.341	0.066
7:	0.024	0.298
8:	-0.404	0.170
9:	-0.612	0.431
10:	-0.084	0.422



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. 0

TARGET NUMBER: 4

FILE DATE: 07/09/2009

FILE TIME: 10:38

POINT#	X	Y
1:	-1.004	1.043
2:	-0.842	0.601
3:	-0.400	0.287
4:	-0.458	-0.368
5:	-0.021	-0.037
6:	0.896	0.516
7:	0.506	-0.041
8:	0.967	0.363
9:	0.737	0.324
10:	0.547	0.137

X CENTROID: 0.093

Y CENTROID: 0.282

POA TO CENTROID: 0.297

HORZ SPREAD: 1.971

VERT SPREAD: 1.411

GROUP SPREAD: 2.085

MIN RADIUS: 0.339

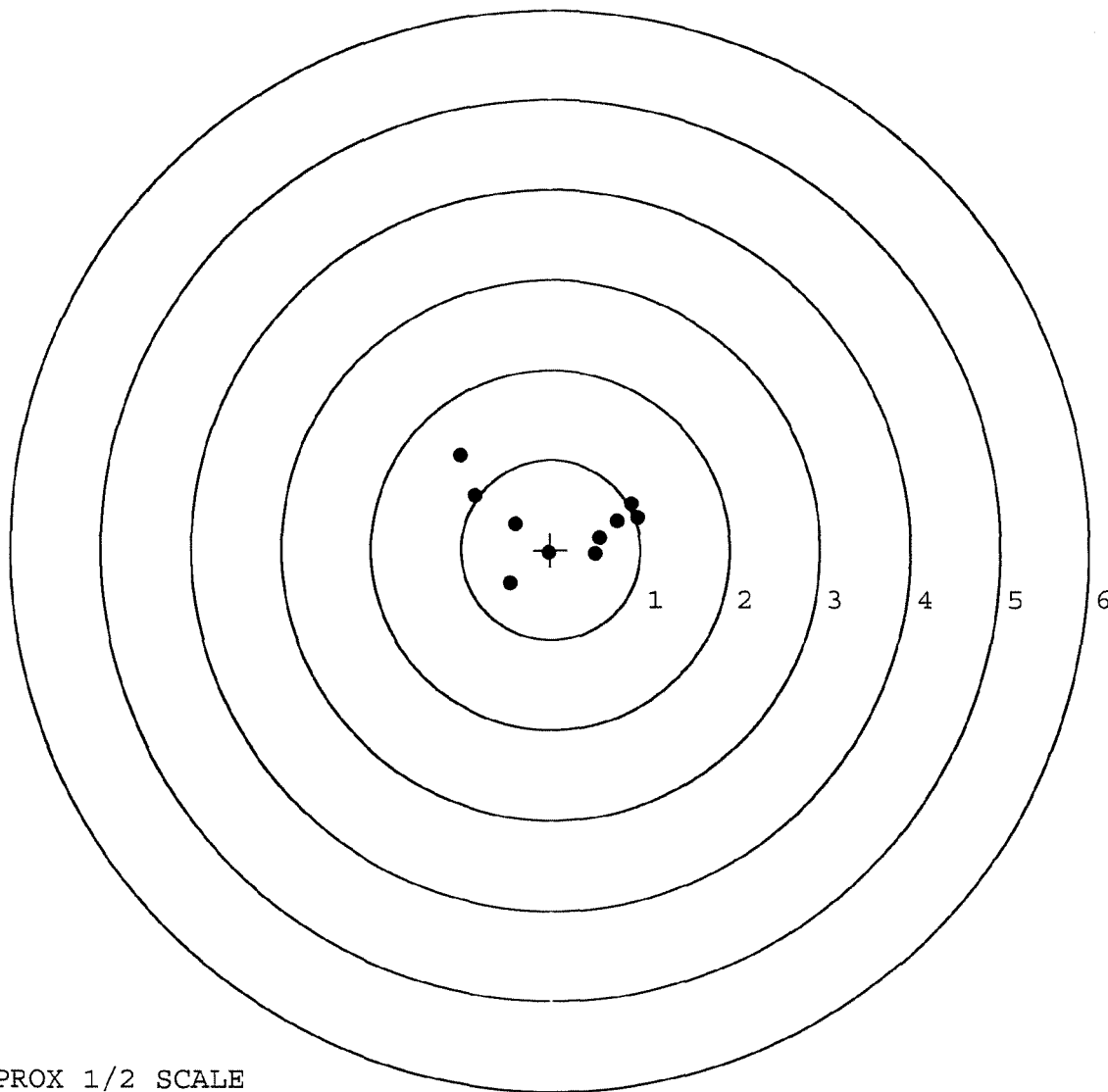
MAX RADIUS: 1.335

MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. 0

TARGET NUMBER: 5

FILE DATE: 07/09/2009

FILE TIME: 10:38

X CENTROID: 0.043

Y CENTROID: 0.006

POA TO CENTROID: 0.044

HORZ SPREAD: 1.290

VERT SPREAD: 1.156

GROUP SPREAD: 1.513

MIN RADIUS: 0.252

MAX RADIUS: 0.911

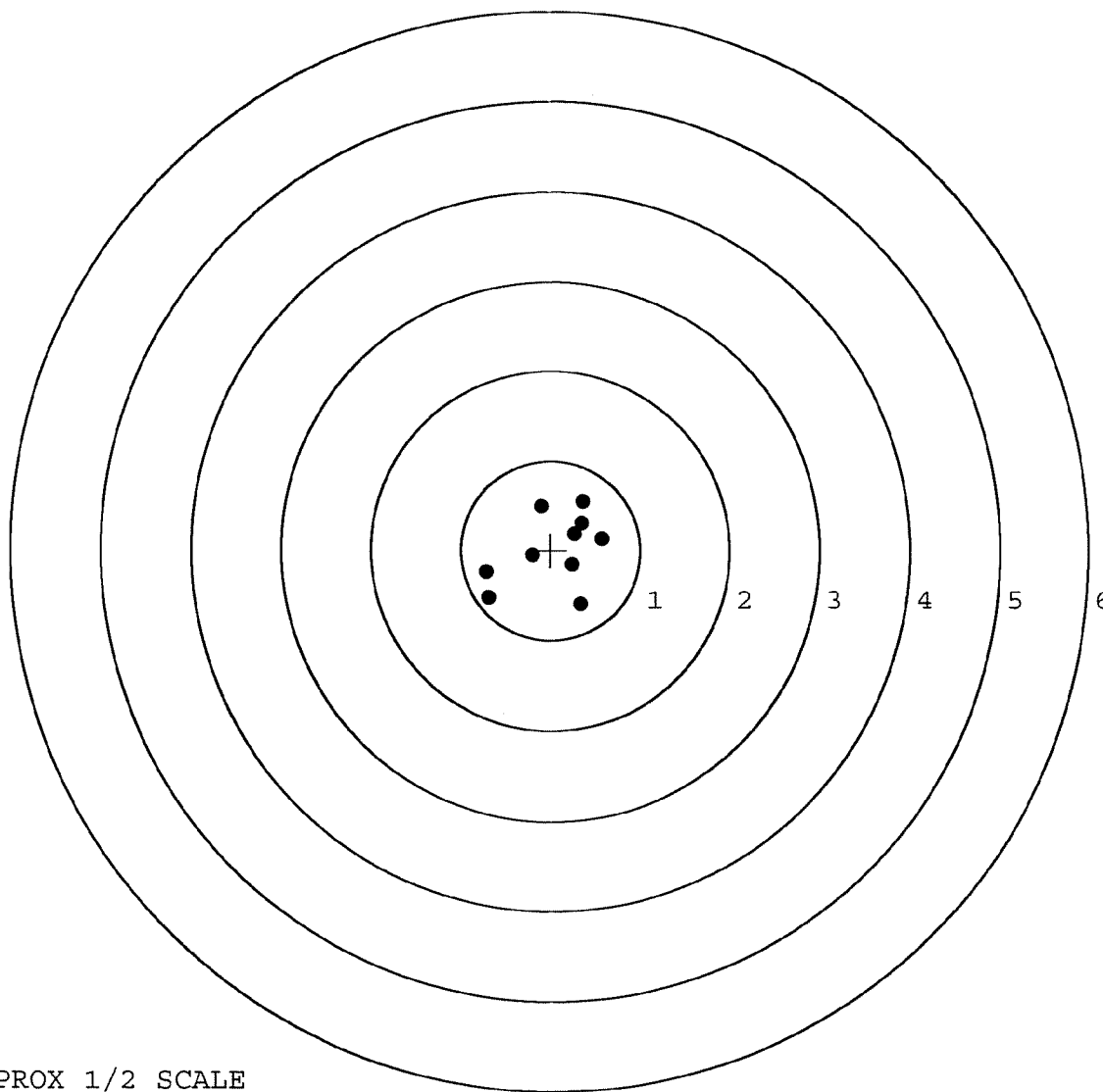
MEAN RADIUS: 0.531

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.691	-0.533
2:	-0.714	-0.246
3:	-0.105	0.497
4:	-0.201	-0.054
5:	0.338	-0.605
6:	0.243	-0.161
7:	0.273	0.183
8:	0.364	0.551
9:	0.576	0.128
10:	0.349	0.305



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092942	Serial: C6523302 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/19/1990	Repairman:	Status: Closed 2/10/2005 1:14:15 PM
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: 362014199 Country: US State: AL Zip Code: 362014199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information Phone: Fax: Email: Comments:	Received Condition Condition: Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	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
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

naglet

2/14/2005

9:17 AM

CAPS

INUM

INS

SCPL

start

5

2

4

Arms Services

Serial Number:

C6523302

Model: M24 SWS



RE00092942

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523302.___0

FILE DATE AND TIME: 04/25/2005 08:33

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 1.028

SERIAL NUMBER: C6523302. __0

TARGET NUMBER: 1

FILE DATE: 04/25/2005

FILE TIME: 08:33

X CENTROID: -0.036

Y CENTROID: -0.215

POA TO CENTROID: 0.218

HORZ SPREAD: 1.291

VERT SPREAD: 3.946

GROUP SPREAD: 3.965

MIN RADIUS: 0.297

MAX RADIUS: 2.225

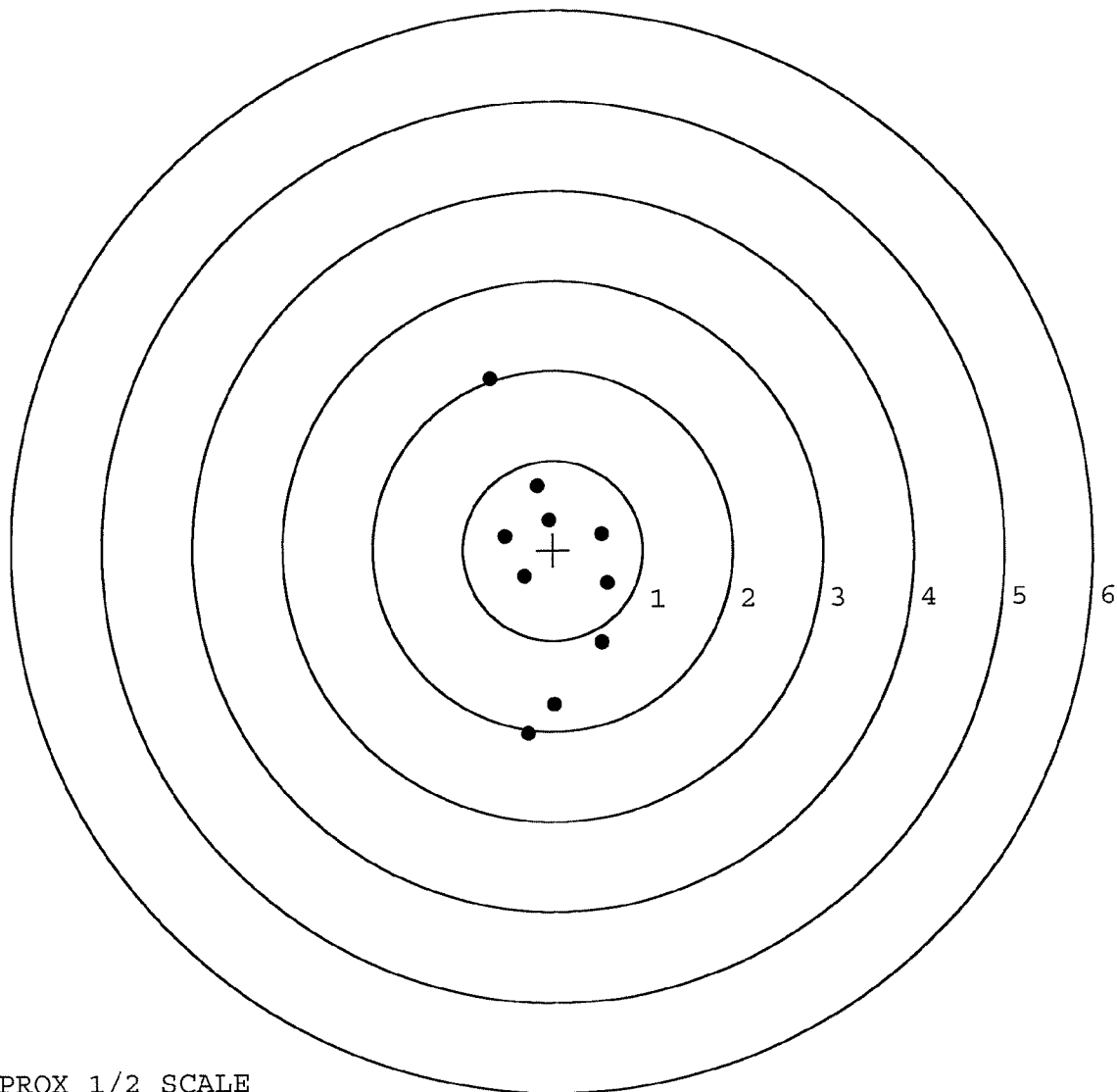
MEAN RADIUS: 1.032

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.299	-2.033
2:	0.002	-1.708
3:	0.536	-1.032
4:	0.605	-0.377
5:	0.545	0.177
6:	-0.321	-0.299
7:	-0.043	0.334
8:	-0.534	0.159
9:	-0.169	0.715
10:	-0.686	1.913

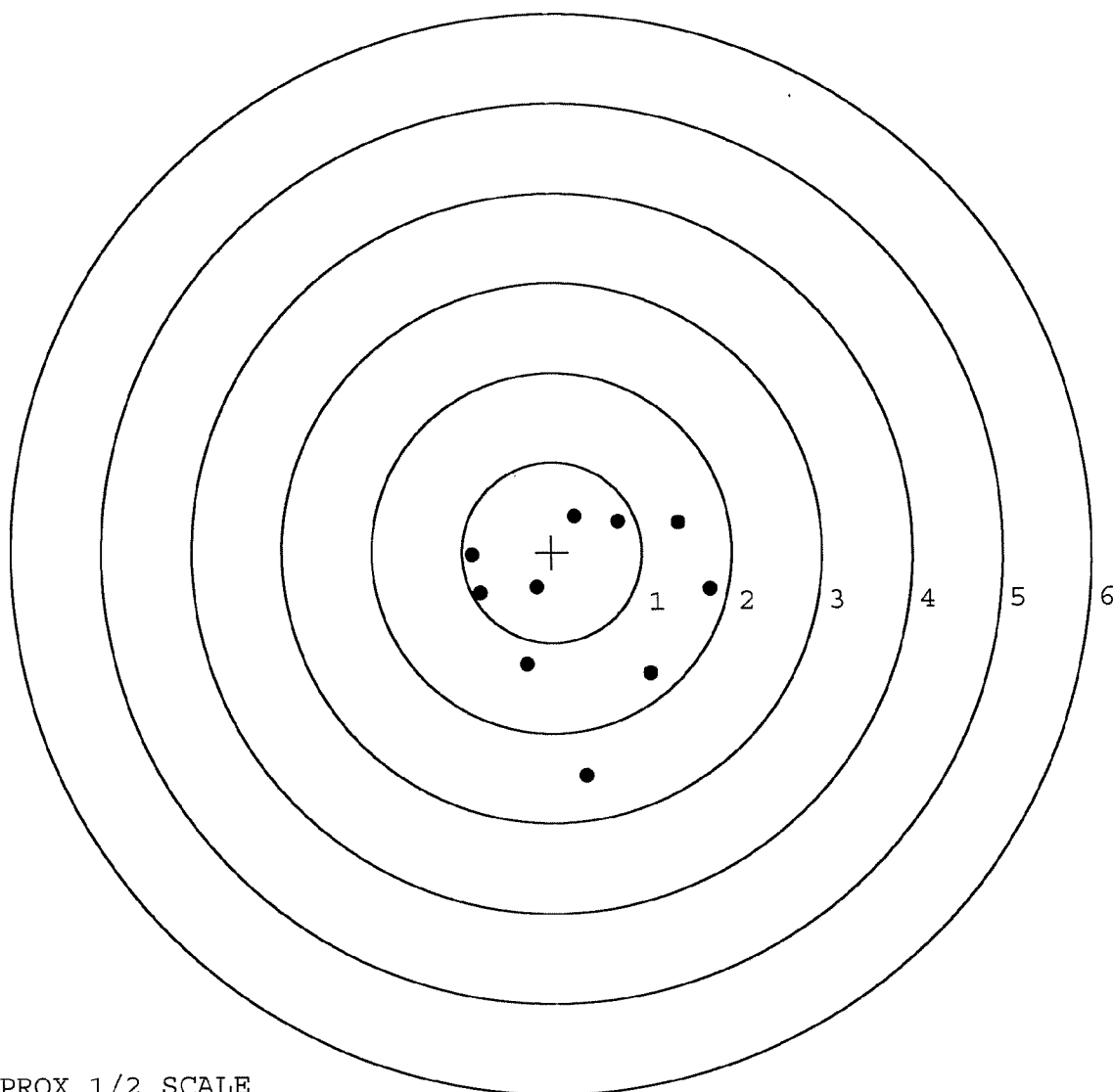


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. __0
 TARGET NUMBER: 2
 FILE DATE: 04/25/2005
 FILE TIME: 08:33

POINT#	X	Y
1:	1.084	-1.350
2:	1.757	-0.420
3:	1.411	0.314
4:	0.740	0.335
5:	0.255	0.394
6:	-0.177	-0.387
7:	-0.299	-1.244
8:	0.364	-2.481
9:	-0.804	-0.449
10:	-0.889	-0.033

X CENTROID: 0.344
 Y CENTROID: -0.532
 POA TO CENTROID: 0.634
 HORZ SPREAD: 2.646
 VERT SPREAD: 2.875
 GROUP SPREAD: 2.985
 MIN RADIUS: 0.541
 MAX RADIUS: 1.949
 MEAN RADIUS: 1.170
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

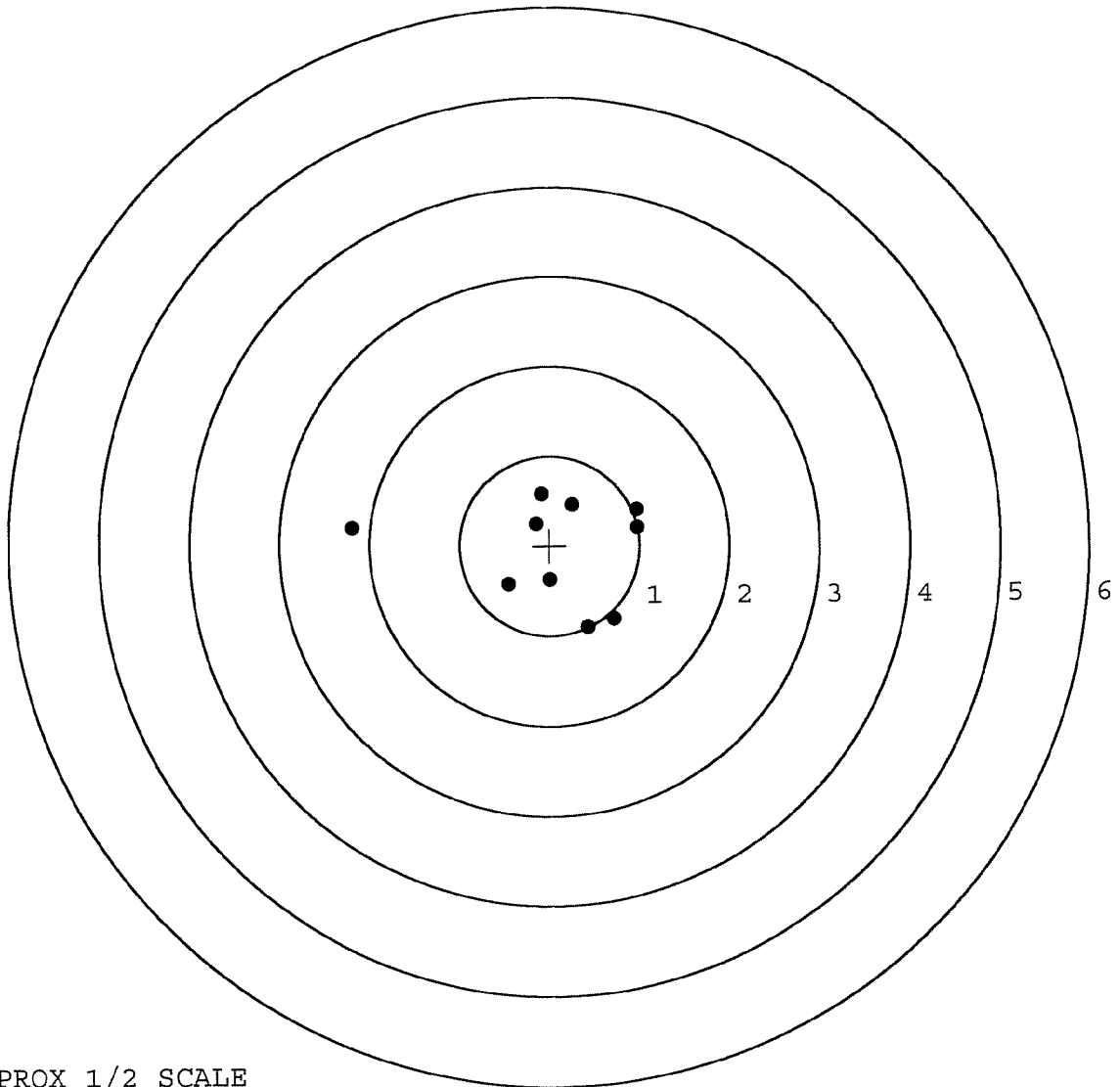


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523302. __0
 TARGET NUMBER: 3
 FILE DATE: 04/25/2005
 FILE TIME: 08:33

POINT#	X	Y
1:	0.968	0.400
2:	0.977	0.200
3:	0.710	-0.819
4:	0.424	-0.911
5:	0.003	-0.382
6:	-0.466	-0.431
7:	-2.189	0.210
8:	0.255	0.458
9:	-0.151	0.245
10:	-0.087	0.579

X CENTROID: 0.044
 Y CENTROID: -0.045
 POA TO CENTROID: 0.063
 HORZ SPREAD: 3.166
 VERT SPREAD: 1.490
 GROUP SPREAD: 3.166
 MIN RADIUS: 0.339
 MAX RADIUS: 2.248
 MEAN RADIUS: 0.872
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Remington
DU PONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM M24

SERIAL NO.
C6523302

ORDER NO.
5716

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

01


5716 C6523302

UPC


0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523302

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3	90	RW
600	Proof	10 3	90	RW
607	Check Headspace	10 3	90	RW
610	Dis-assemble Gun	10 3	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	K.R
615	Rollmark Caliber		10/11/90	Y.S.
617	Drill and Tap Sight Holes		10/11/90	FB
618	Polish Barrel <i>P/B</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-18-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-90	JK

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/6/90	RW
	G) Safety Off Force	3	3	3			11/6/90	RW
	H) Trigger Pull Test & Retainability						11-6-90	JH
	I) Firing Pin Indent	.0215	.0205	.021			11/6/90	RW
	J) Assemble Stock						11/6/90	RW
	K) Assemble Swivel Studs						11/19/90	928
	L) Attach Front and Rear Sight Assemblies						11/6/90	RW
	M) Iron Sight Alignment						11/6/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/6/90	RW
	O) Attach Scope to Rifle						11/6/90	RW
	P) Detach & Attach Scope 20 Times						11/6/90	RW
640	Gallery Target & Test						11-7-90	KT
	A) Time						11-7-90	KT
	B) Malfunctions						11-7-90	KT
	C) Pierced Primers						11-7-90	KT
	D) Optical Clarity of Scope						11-7-90	KT
645	Inspect for Live Ammo						11-7-90	KT
655	Final Inspection							
	A) Headspace						11/19/90	928
	B) Trigger Pull	208	204	217	212	214	11/19/90	928
	C) Function						11/19/90	928
660	Pack						12-18-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523302DATE 11-6-90TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.23	2.20	208	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.22	2.33	204	
PULL #3	2.26	2.13	2.26	217	
PULL #4	2.16	2.22	2.24	212	
PULL #5	2.20	2.25	2.21	214	
TOTAL	11.10	11.05	11.30		
AVG.	2.22	2.21	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.35		
PULL #2	3.30	3.30		
PULL #3	3.36	3.12		
PULL #4	3.39	3.39		
PULL #5	3.38	3.39		
TOTAL	16.82	16.55		
AVG.	3.364	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.35		4.43
PULL #2	4.15	4.42		4.38
PULL #3	4.54	4.40		4.50
PULL #4	4.30	4.45		4.41
PULL #5	4.40	4.50		4.27
TOTAL	21.80	22.12		21.99
AVG.	4.36	4.424		4.398

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523302
8 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.169163
1 TO	2	.186454
1 TO	3	.17322
1 TO	4	.285323
1 TO	5	.347246

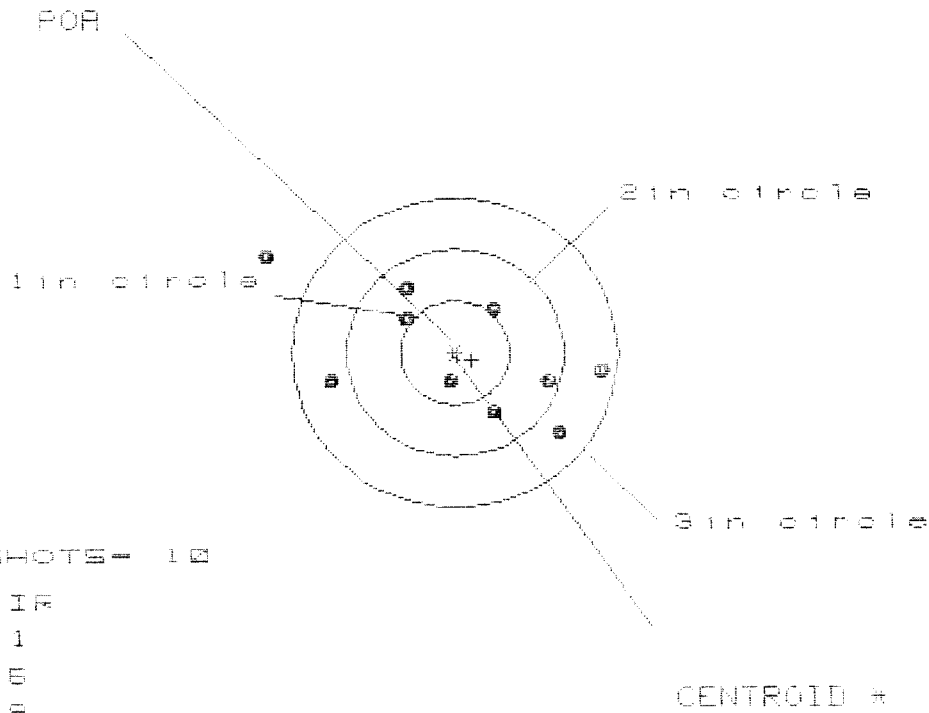
4 (---)FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0308
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.001
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0308162
THE AMR FOR THIS RIFLE IS: .0268

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523302

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS = 3.055

VS = 1.687

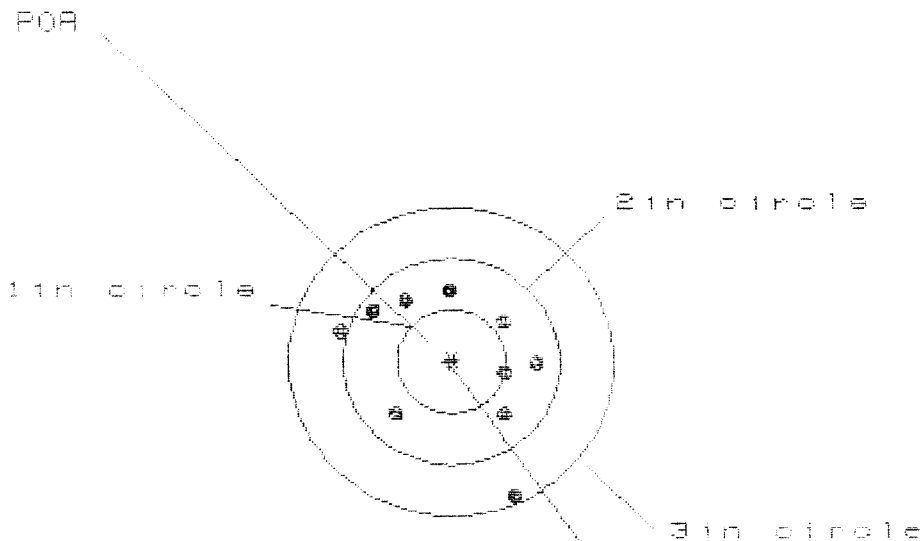
GS = 3.228

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.341	1.151	.887
MINIMUM X	-1.714	-1.353	-1.210
MAXIMUM Y	.915	.691	.687
MINIMUM Y	-.772	-.670	-.674
CENTROID X	-.154	.036	-.167
CENTROID Y	.070	-.032	-.028
POA TO CENTROID in.	.169	.048	.111
MIN RADIUS	.317	.329	.240
MEAN RADIUS	.940	.806	.755
MAX RADIUS	1.943	1.365	1.223
HORIZONTAL SPREAD	3.055	2.504	2.096
VERTICAL SPREAD	1.687	1.361	1.361
EXTREME SPREAD	3.228	2.508	2.153
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

8 Nov 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06523382

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 0

2in = 8

3in = 10

HS = 1.817

VS = 1.918

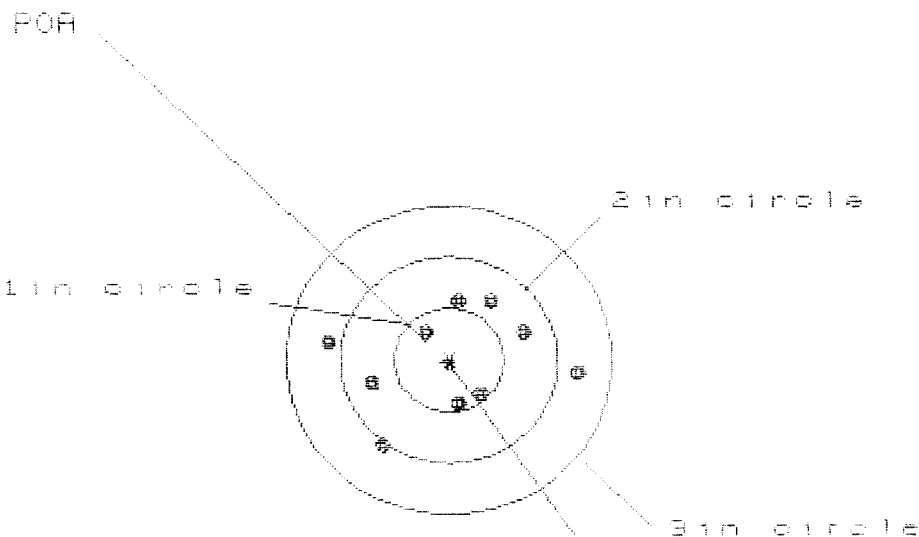
CS = 2.275

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.821	.697
MINIMUM X	-1.059	-.996	-.741
MAXIMUM Y	.648	.507	.529
MINIMUM Y	-1.270	-.691	-.669
CENTROID X	.020	-.043	.081
CENTROID Y	.003	.144	.122
POA TO CENTROID in.	.020	.151	.147
MIN RADIUS	.503	.507	.475
MEAN RADIUS	.800	.719	.666
MAX RADIUS	1.391	1.012	.850
HORIZONTAL SPREAD	1.817	1.817	1.438
VERTICAL SPREAD	1.918	1.198	1.198
EXTREME SPREAD	2.275	1.850	1.527
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

8 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523382

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 10

HS = 2.269

VS = 1.434

GS = 2.284

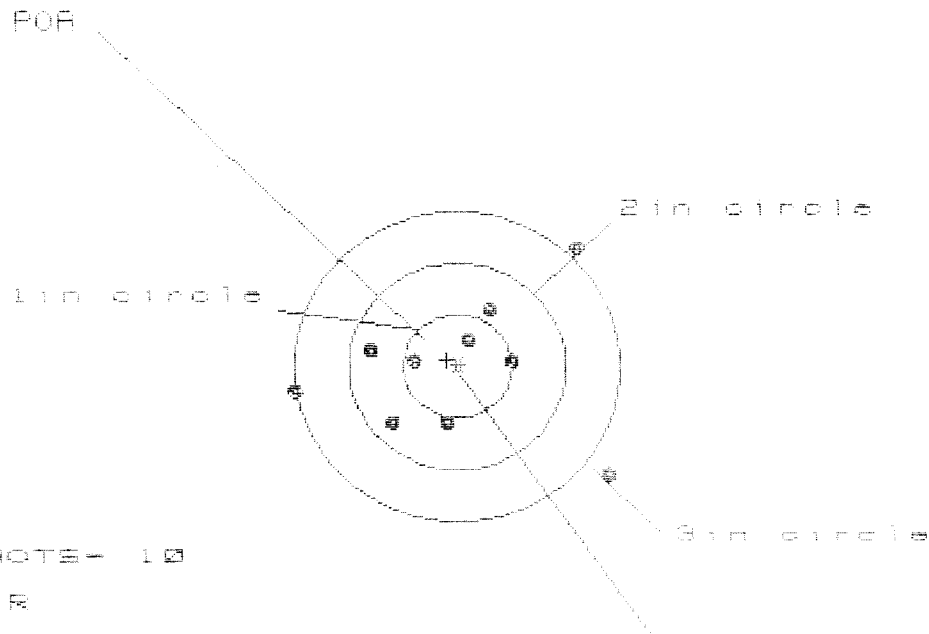
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.173	.962	.741
MINIMUM X	-1.096	-.966	-.708
MAXIMUM Y	.584	.574	.594
MINIMUM Y	-.850	-.860	-.840
CENTROID X	.013	-.117	.004
CENTROID Y	.024	.034	.014
POA TO CENTROID in.	.027	.122	.015
MIN RADIUS	.369	.283	.369
MEAN RADIUS	.740	.687	.639
MAX RADIUS	1.176	1.001	1.052
HORIZONTAL SPREAD	2.269	1.828	1.449
VERTICAL SPREAD	1.434	1.434	1.434
EXTREME SPREAD	2.284	1.833	1.794
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

8 Nov 1998

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 7

IS = 2.884

VS = 2.165

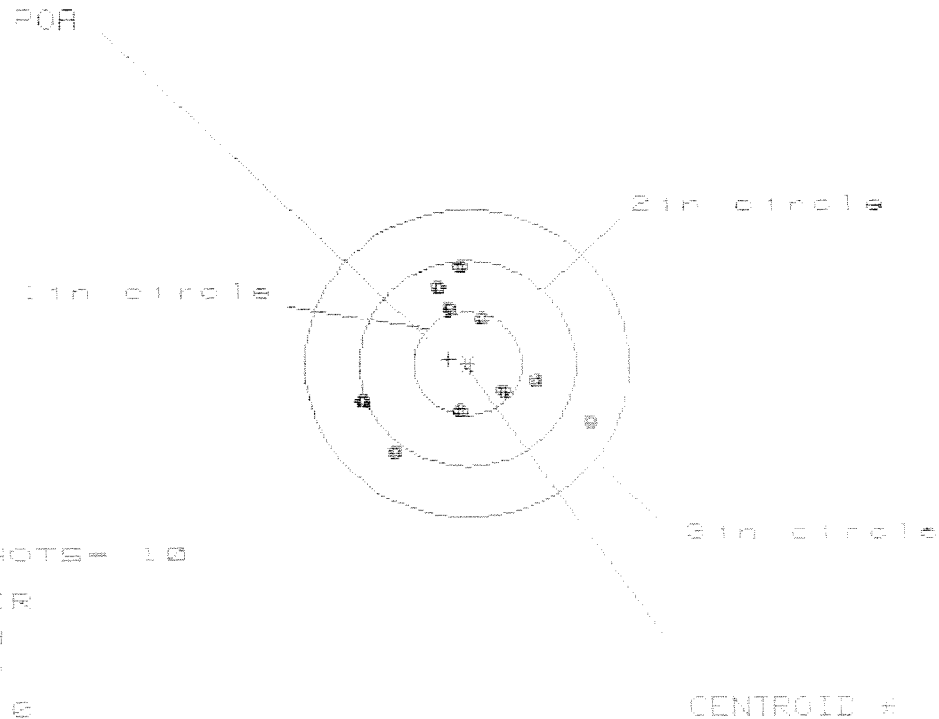
GS = 3.005

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.392	1.220	.799
MINIMUM X	-1.502	-1.348	-1.195
MAXIMUM Y	1.102	1.017	.561
MINIMUM Y	-1.033	-.638	-.511
CENTROID X	.101	-.053	-.286
CENTROID Y	-.058	.057	-.070
POA TO CENTROID in.	.117	.078	.217
MIN RADIUS	.298	.272	.126
MEAN RADIUS	.870	.755	.632
MAX RADIUS	1.733	1.588	1.214
HORIZONTAL SPREAD	2.894	2.568	1.994
VERTICAL SPREAD	2.165	1.655	1.072
EXTREME SPREAD	3.005	2.984	2.018
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	

8 May 1998

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.243

VS= 1.854

GS= 2.052

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.077	.746	.677
MINIMUM X	-.966	-.846	-.915
MAXIMUM Y	.960	.895	.776
MINIMUM Y	-.894	-.959	-.670
CENTROID X	.174	.054	.123
CENTROID Y	-.044	.021	.140
POA TO CENTROID in.	.178	.058	.187
MIN RADIUS	.469	.465	.327
MEAN RADIUS	.784	.732	.657
MAX RADIUS	1.225	1.108	1.084
HORIZONTAL SPREAD	2.043	1.592	1.592
VERTICAL SPREAD	1.854	1.854	1.446
EXTREME SPREAD	2.052	1.948	1.620
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0005826

COMMENTS

34 CLICKS LEFT

ORDER
R 94-18155

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN 91-0073			
DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6523302	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP		HARD CASE		SCOPE MNTS SCOPE BASE	

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 CJO.DL

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					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

PARTS	COMMENTS
✓ Stock \$471.11	
✓ Trigger Assy 193.31	
✓ Mag Box 2.06	
✓ Mag Follower 6.12	
✓ Mag Spring 1.20	
✓ Firing pin Assy 9.96	
CTV 50.00	
\$714.26	
REPAIRMAN	PROOF
CLEAN	TEST
TARGET	PATTERN
GALLERY TESTER	DATE
DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0005826

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

SERIAL NO. C6523302DATE 8-31-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.77	2.63	2.61		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.82	2.84	2.41		
PULL #3	2.74	2.84	2.40		
PULL #4	2.50	2.34	2.52		
PULL #5	2.58	2.45	2.66		
TOTAL	13.41	13.10 2.62	12.60		
AVG.	2.68	2.62	2.52		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.00		
PULL #2	3.40	3.15		
PULL #3	2.90	3.17		
PULL #4	2.82	3.32		
PULL #5	3.05	3.12		
TOTAL	15.19	15.76		
AVG.	3.03	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.14	4.35	
PULL #2	4.00	4.62	4.20	
PULL #3	4.61	4.60	4.40	
PULL #4	4.61	4.62	4.26	
PULL #5	4.68	4.66	4.10	
TOTAL	22.14	22.64	21.31	
AVG.	4.42	4.52	4.26	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523302

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	6	6	5 3/4			12/7	WB
	G) Safety Off Force	3	3	3			12/7	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.0275	.022	.022			12/7	WB
	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	2.56	2.62	2.55	2.77	2.71	12/7	WB
	C) Function							
660	Pack							