

G6590150
Replead
C.64988 24

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: RE00131865

Serial: C6498824 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1990

Repairman:

Status:

Closed 7/30/2007 9:47:03 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

0002 AR RGT 03 B CO INF BN BCT (WDA6B0)

Address 1: ROSE BARRACKS

ROSE BARRACKS

Address 2: SOUTH CAMP BLDG 728

PO Box:

SOUTH CAMP BLDG 728

PO Box:

City: MILSECK

MILSECK

State: DE

Zip Code: 92249

Country: US

State: DE

Zip Code: 92249

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
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naglelj

7/31/2007

9:05 AM

CAPS

NUM

INS

SCRL

start

2 M.

6 L.

3 M.

Par...

SA...

Ar...

Re...

9:05 AM

G6590150(New)

Serial Number: ~~C6498824~~

Model: M24 SWS



RE00131865

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590150.___0
FILE DATE AND TIME: 08/21/2007 00:57

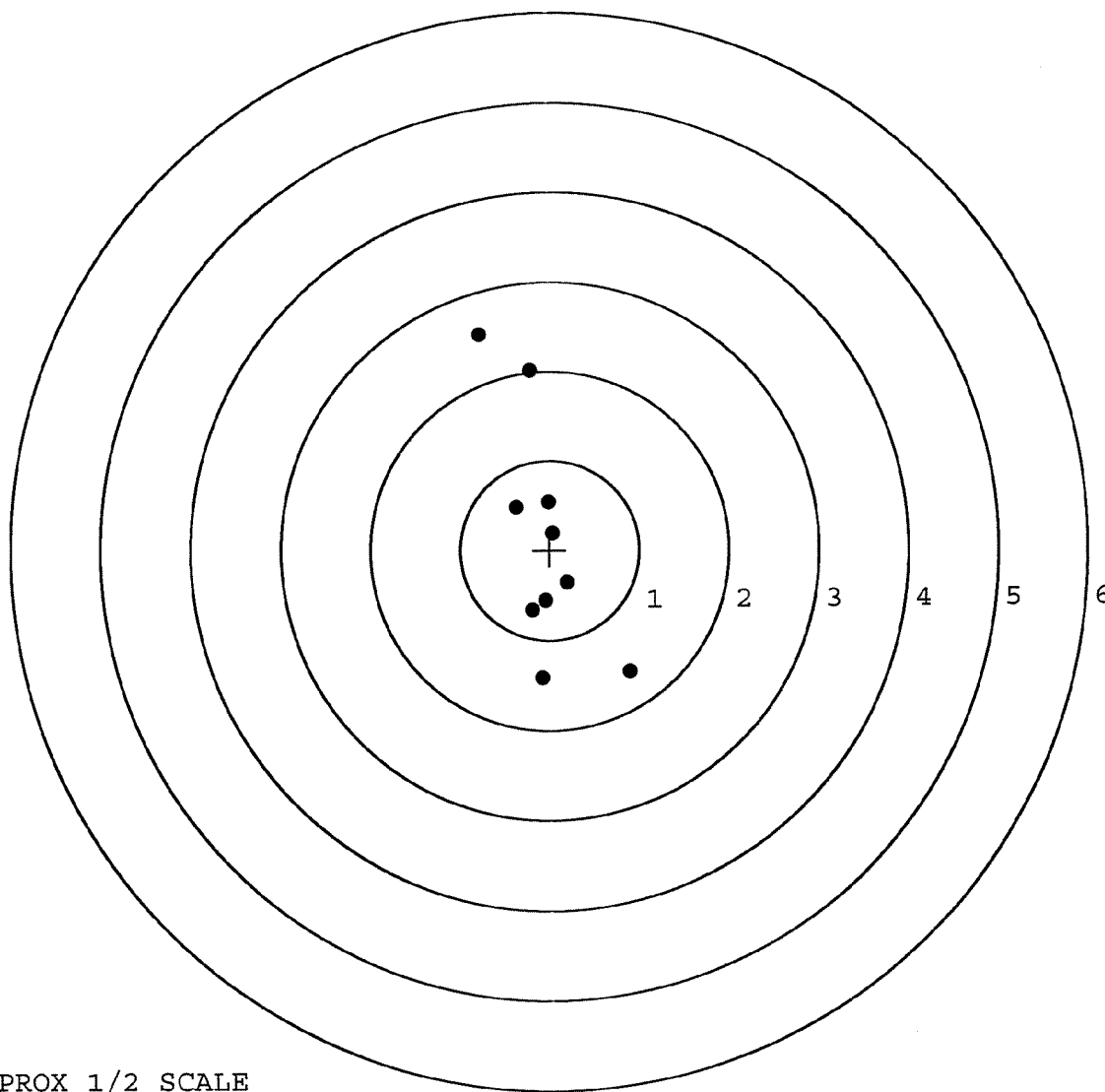
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.007
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.783
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.117
The Distance from Centroid Target #3 to Centroid Target #1:	0.479
The Distance from Centroid Target #4 to Centroid Target #1:	0.222
The Distance from Centroid Target #5 to Centroid Target #1:	0.139

SERIAL NUMBER: G6590150. 0
TARGET NUMBER: 1
FILE DATE: 08/21/2007
FILE TIME: 00:57

X CENTROID: -0.058
Y CENTROID: 0.126
POA TO CENTROID: 0.139
HORZ SPREAD: 1.666
VERT SPREAD: 3.837
GROUP SPREAD: 4.122
MIN RADIUS: 0.116
MAX RADIUS: 2.397
MEAN RADIUS: 1.064
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 6

POINT#	X	Y
1:	-0.372	0.478
2:	-0.011	0.534
3:	0.037	0.193
4:	0.197	-0.362
5:	-0.052	-0.561
6:	-0.198	-0.667
7:	-0.088	-1.423
8:	0.892	-1.356
9:	-0.211	2.013
10:	-0.774	2.414

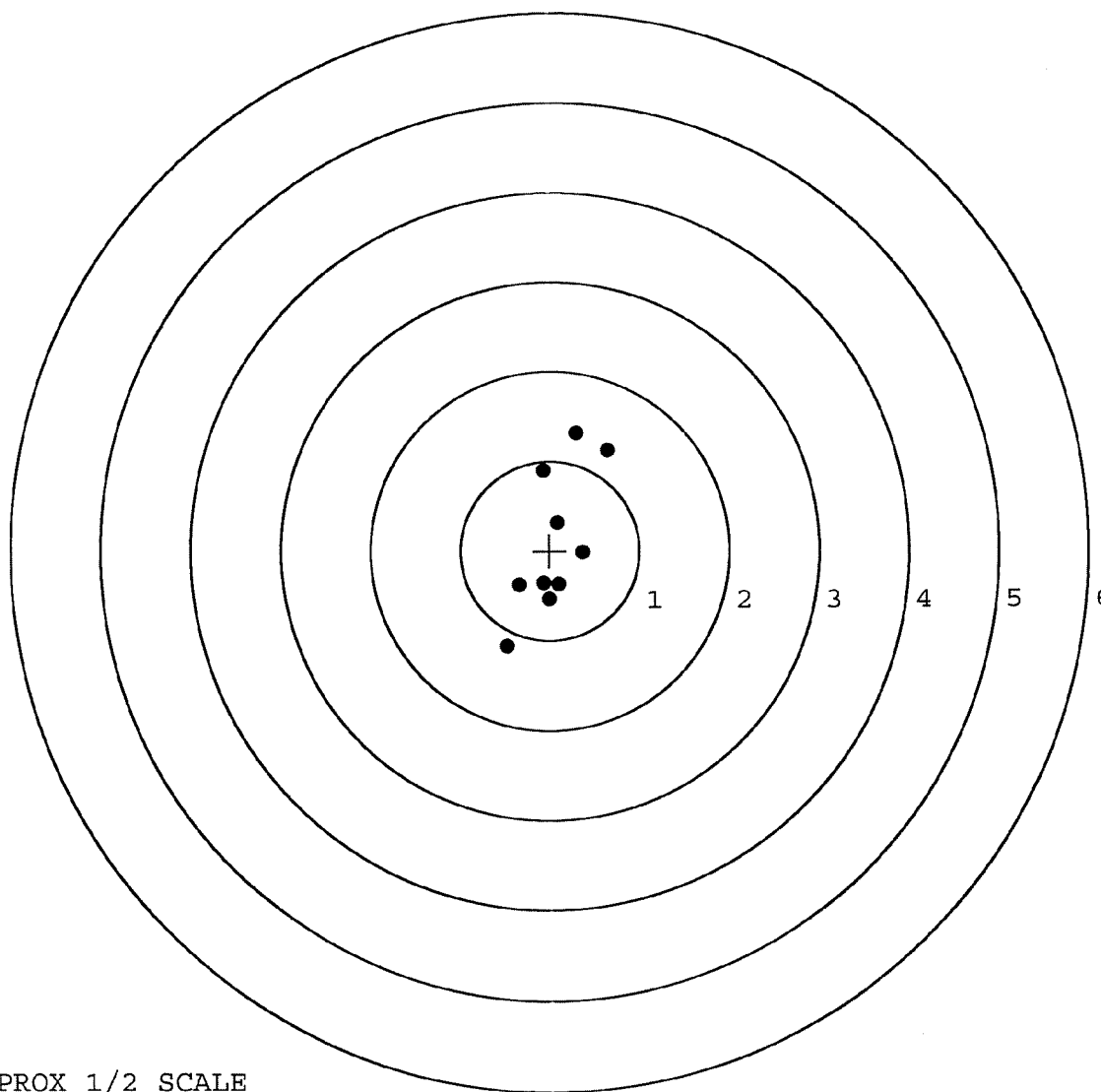


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590150. __0
TARGET NUMBER: 2
FILE DATE: 08/21/2007
FILE TIME: 00:57

X CENTROID: 0.053
Y CENTROID: 0.088
POA TO CENTROID: 0.103
HORZ SPREAD: 1.133
VERT SPREAD: 2.377
GROUP SPREAD: 2.503
MIN RADIUS: 0.230
MAX RADIUS: 1.274
MEAN RADIUS: 0.728
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.070	0.894
2:	0.301	1.310
3:	0.649	1.120
4:	0.087	0.316
5:	0.369	-0.020
6:	0.101	-0.376
7:	-0.011	-0.545
8:	-0.072	-0.366
9:	-0.345	-0.383
10:	-0.484	-1.067

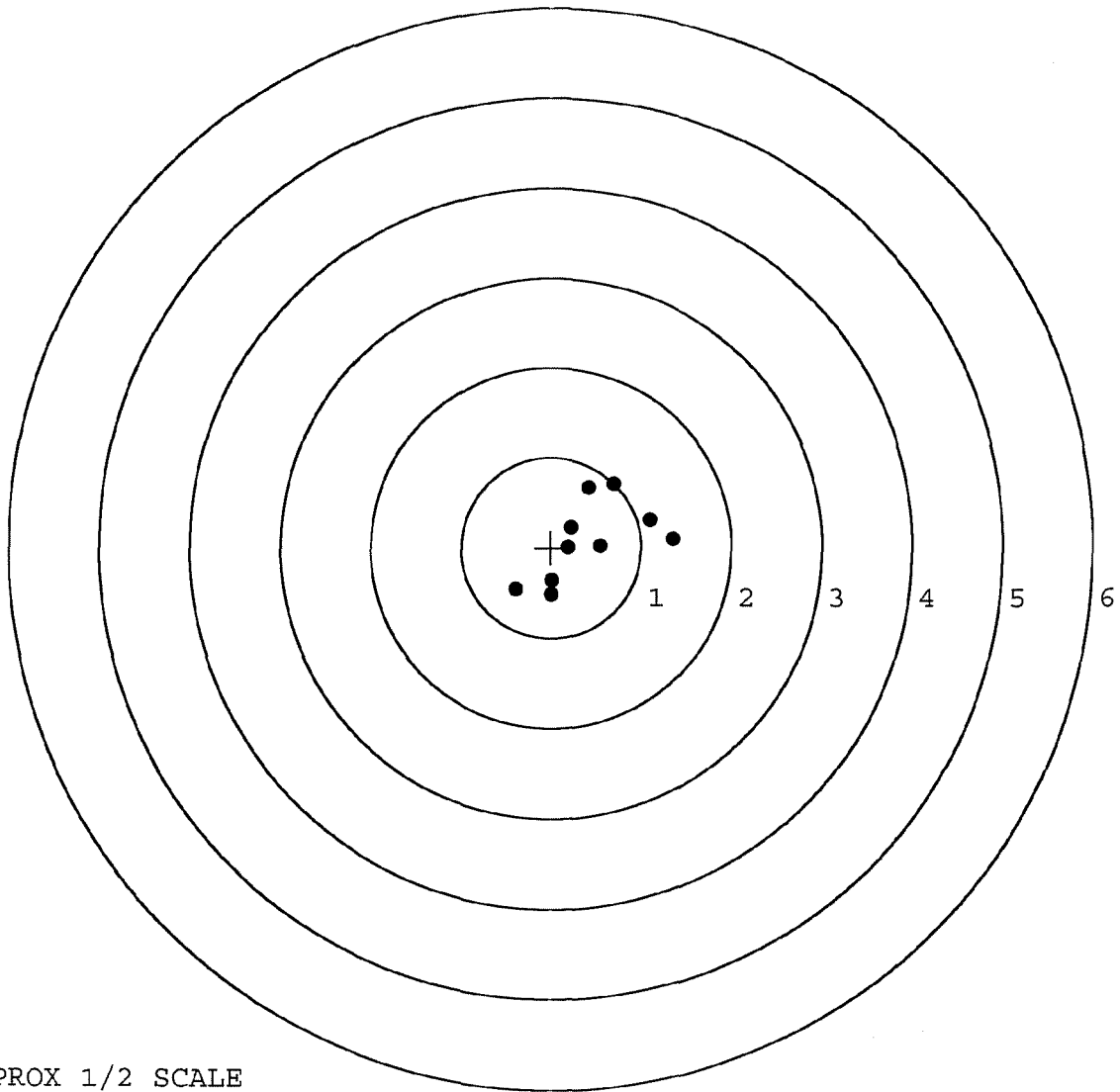


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590150.___0
TARGET NUMBER: 3
FILE DATE: 08/21/2007
FILE TIME: 00:57

POINT#	X	Y
1:	0.704	0.709
2:	0.425	0.670
3:	0.222	0.231
4:	0.192	0.006
5:	0.553	0.021
6:	1.099	0.311
7:	1.349	0.094
8:	0.009	-0.522
9:	-0.389	-0.464
10:	0.016	-0.370

X CENTROID: 0.418
Y CENTROID: 0.069
POA TO CENTROID: 0.424
HORZ SPREAD: 1.738
VERT SPREAD: 1.231
GROUP SPREAD: 1.825
MIN RADIUS: 0.143
MAX RADIUS: 0.967
MEAN RADIUS: 0.587
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

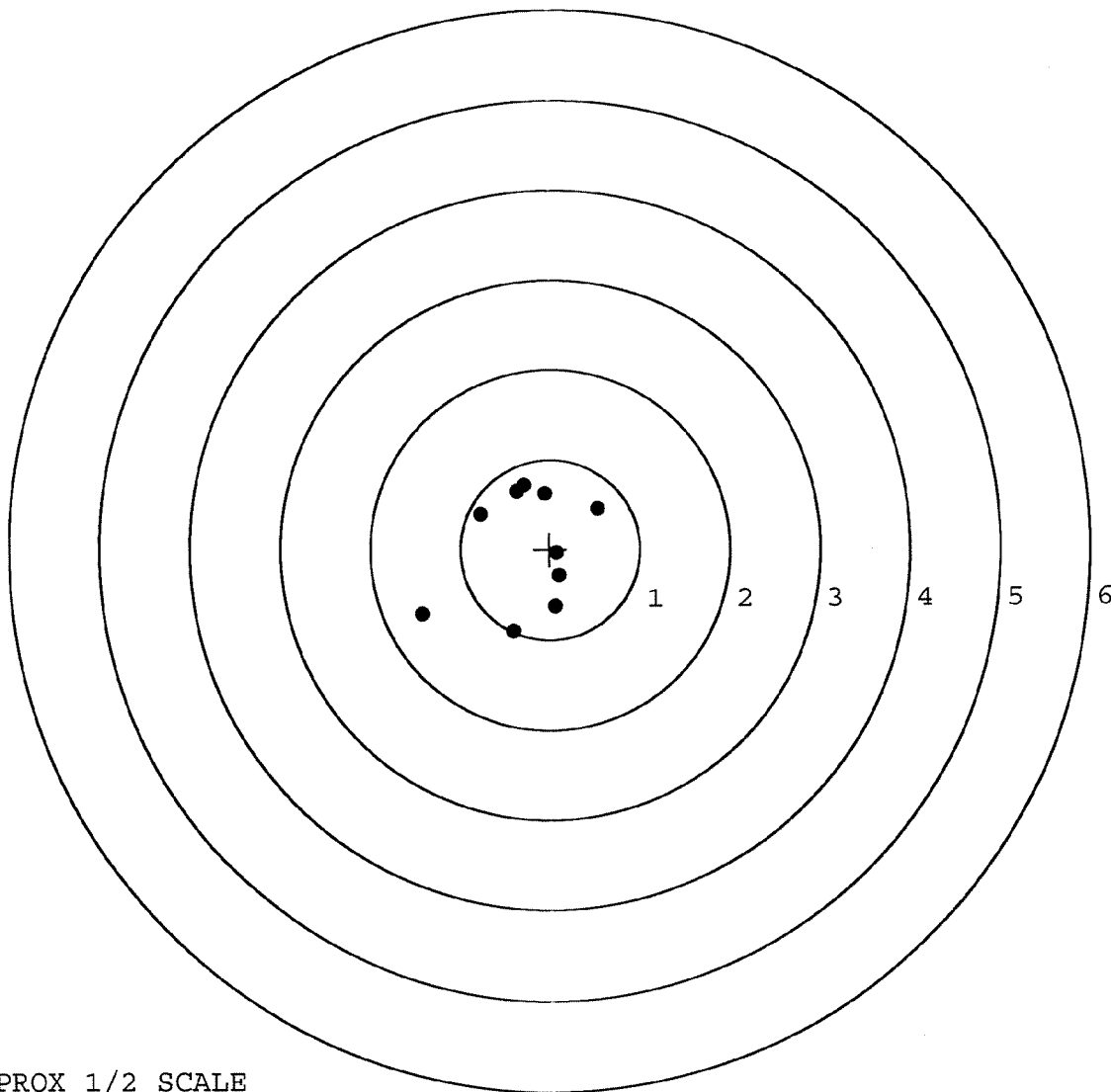


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590150. __0
TARGET NUMBER: 4
FILE DATE: 08/21/2007
FILE TIME: 00:57

X CENTROID: -0.255
Y CENTROID: 0.024
POA TO CENTROID: 0.256
HORZ SPREAD: 1.962
VERT SPREAD: 1.631
GROUP SPREAD: 2.281
MIN RADIUS: 0.339
MAX RADIUS: 1.385
MEAN RADIUS: 0.740
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.373	0.651
2:	-0.057	0.625
3:	-0.776	0.399
4:	0.536	0.449
5:	0.078	-0.042
6:	0.105	-0.295
7:	0.065	-0.638
8:	-0.410	-0.912
9:	-1.426	-0.715
10:	-0.289	0.719



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590150. 0

TARGET NUMBER: 5

FILE DATE: 08/21/2007

FILE TIME: 00:57

X CENTROID: -0.193

Y CENTROID: 0.094

POA TO CENTROID: 0.215

HORZ SPREAD: 2.109

VERT SPREAD: 1.980

GROUP SPREAD: 2.145

MIN RADIUS: 0.222

MAX RADIUS: 1.320

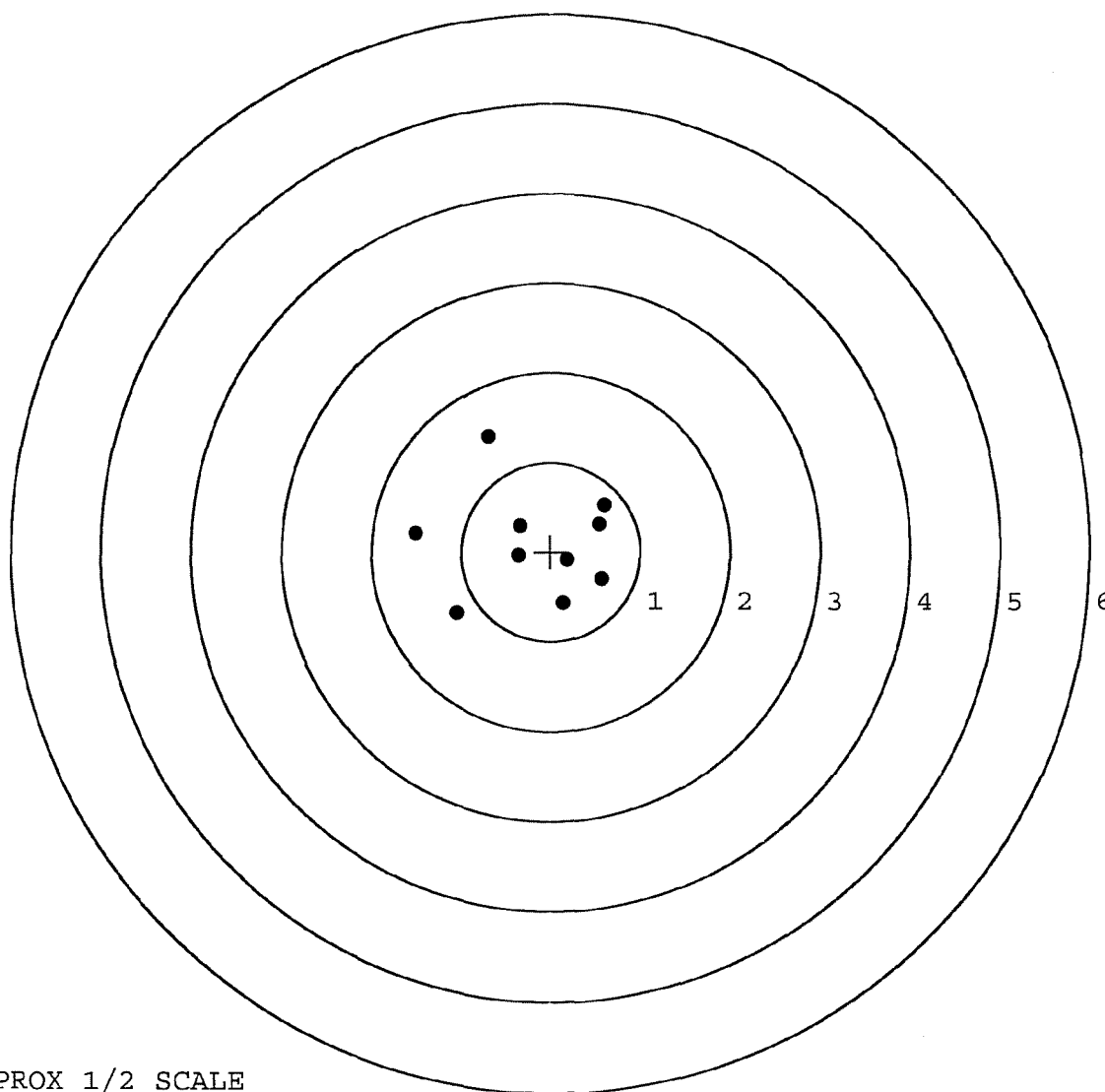
MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.346	0.298
2:	-0.366	-0.046
3:	-1.053	-0.692
4:	-1.508	0.212
5:	-0.706	1.288
6:	0.601	0.530
7:	0.541	0.316
8:	0.575	-0.300
9:	0.146	-0.579
10:	0.183	-0.087



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	<u>1318108</u>			
SERIAL NUMBER	<u>C6498824</u> <u>G6590159 New</u>			
LOG-IN DATE	<u>7-30-07</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-8-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	NRB
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	LY
620	APPLY COATINGS	8-15-07	TRB
625	FINAL ASSEMBLY	8-20-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	8-20-07 mm
650	TARGET	PASS FAIL	8-20-07 mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	8-20-07 SD
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.80 2.76 2.83 2.86 2.83 8-21-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.5 6.0 6.5 8-21-07 TRW
	G) SAFETY OFF FORCE	2 LBS	2.0 2.25 2.5 8-21-07 TRW
	I) FIRING PIN INDENT	.020	.023 .024 .023 8-21-07 TRW
690	PACK		8-23-07 RA

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00081142** Serial: C6498824 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 09/19/1990 Repairman: Status: Closed 5/20/2004 9:45:04 AM

Verify Repair

Address Information

Customer: ☒ Received From: ☐ Return To: ☐ Received From:

Name: **HHC 1/24 INF** **HHC 1/24 INF**

Address 1: **SSG MC DANIEL DAVID** **SSG MC DANIEL DAVID**

Address 2: PO Box: PO Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSP Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A042	Adjustable Butt Pad	1
C000	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

reglet 5/24/2004 8:28 AM CAPS NUM INS SCPL

start 2 2 4

Serial Number: **C6498824**

Model: **M24 SWS**



RE00081142

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498824.___0

FILE DATE AND TIME: 01/10/2003 09:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.542
The Distance from POA to Centroid Target #1:	0.027
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.101
The Distance from Centroid Target #4 to Centroid Target #1:	0.019
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

SERIAL NUMBER: C6498824. __0

TARGET NUMBER: 1

FILE DATE: 01/10/2003

FILE TIME: 09:40

POINT#	X	Y
1:	0.489	-0.728
2:	0.383	-0.484
3:	0.065	-0.344
4:	-0.156	-0.742
5:	0.597	0.065
6:	0.354	0.307
7:	-0.496	-0.003
8:	-0.512	0.195
9:	-0.384	0.546
10:	-0.387	0.921

X CENTROID: -0.005

Y CENTROID: -0.027

POA TO CENTROID: 0.027

HORZ SPREAD: 1.109

VERT SPREAD: 1.663

GROUP SPREAD: 1.867

MIN RADIUS: 0.325

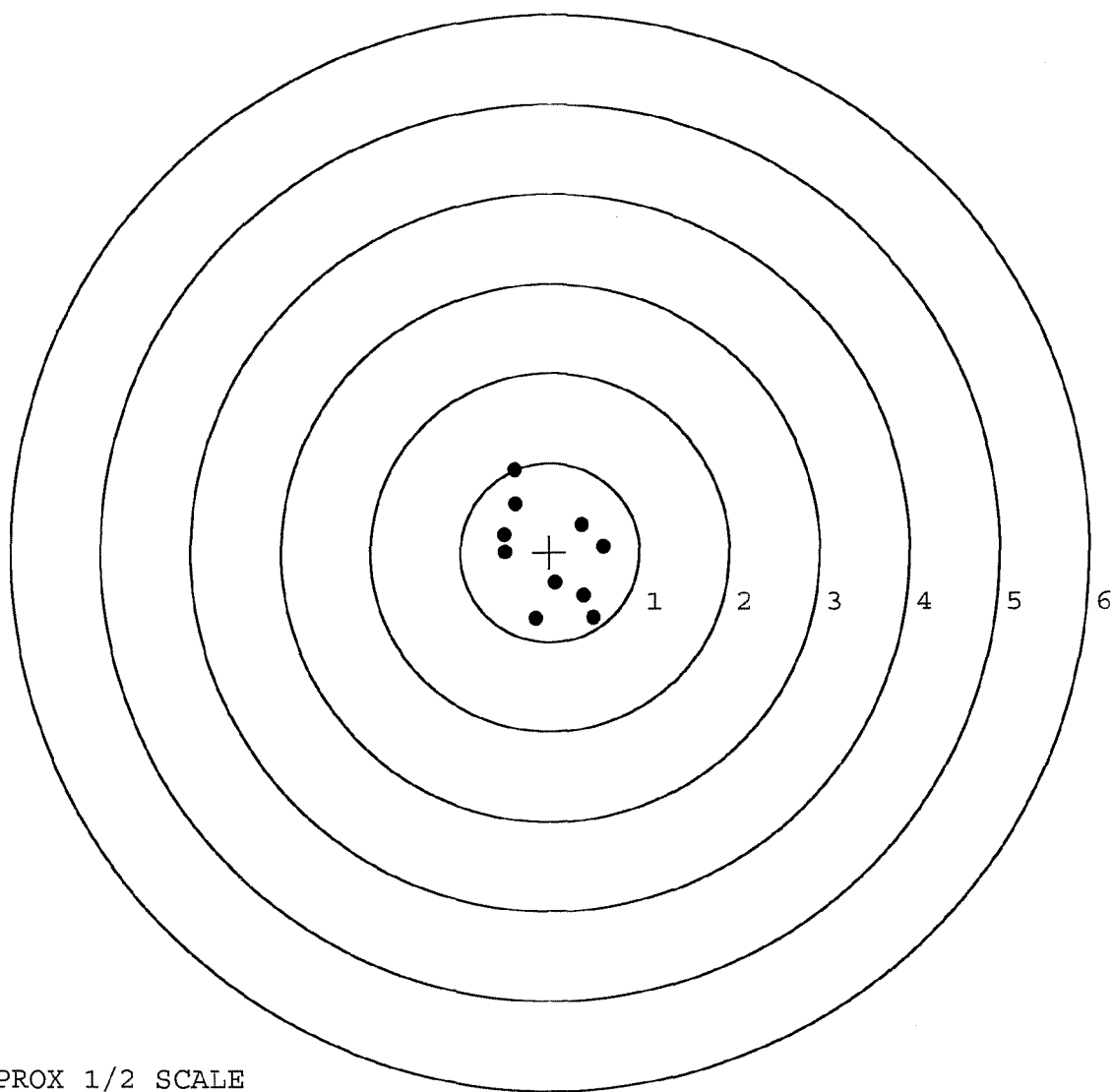
MAX RADIUS: 1.022

MEAN RADIUS: 0.637

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

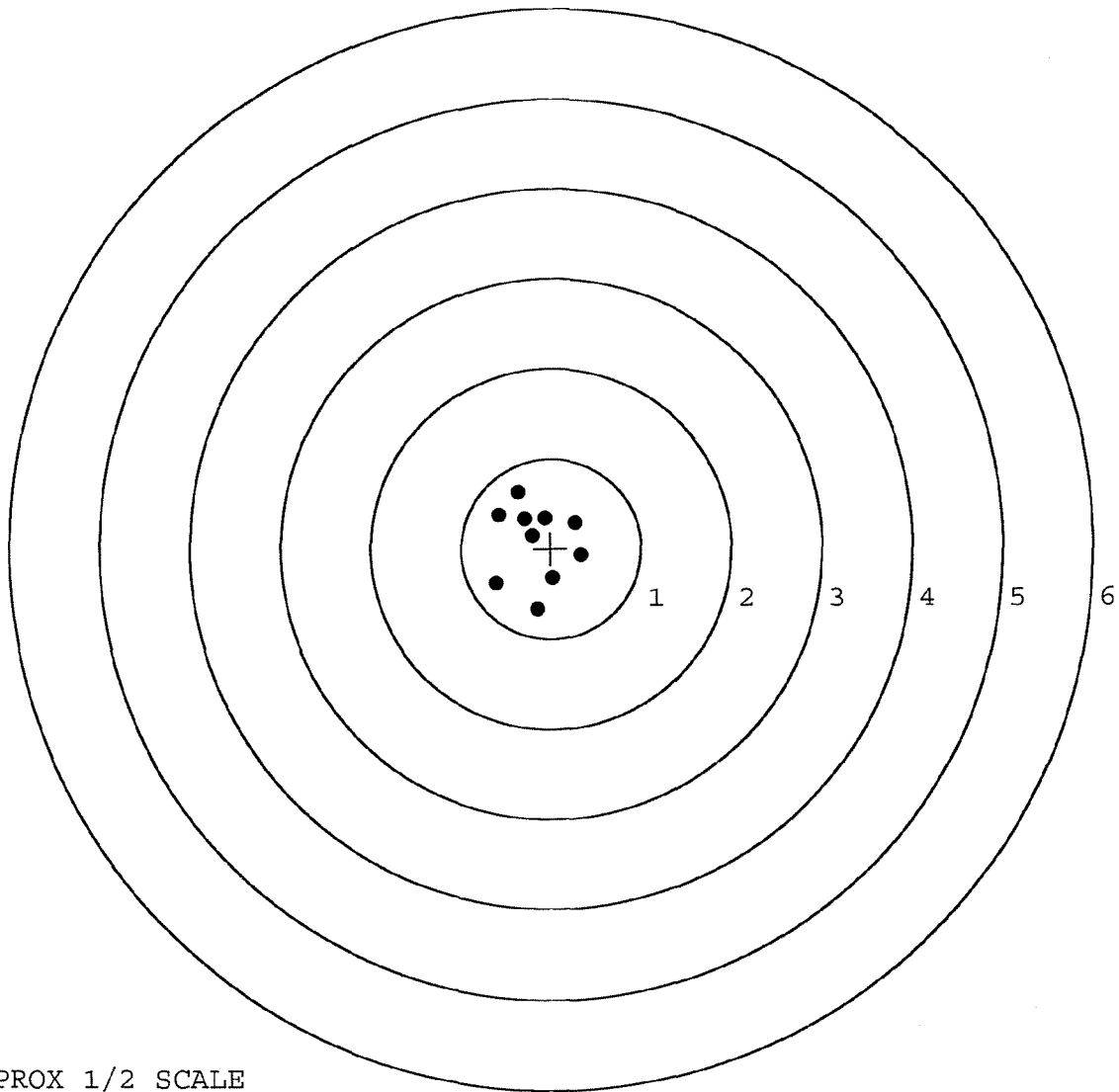


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 2
FILE DATE: 01/10/2003
FILE TIME: 09:40

X CENTROID: -0.165
Y CENTROID: 0.062
POA TO CENTROID: 0.176
HORZ SPREAD: 0.947
VERT SPREAD: 1.316
GROUP SPREAD: 1.332
MIN RADIUS: 0.093
MAX RADIUS: 0.746
MEAN RADIUS: 0.464
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.024	-0.337
2:	-0.153	-0.684
3:	-0.608	-0.390
4:	-0.362	0.632
5:	-0.581	0.378
6:	-0.070	0.335
7:	-0.207	0.145
8:	0.269	0.291
9:	0.339	-0.077
10:	-0.298	0.328

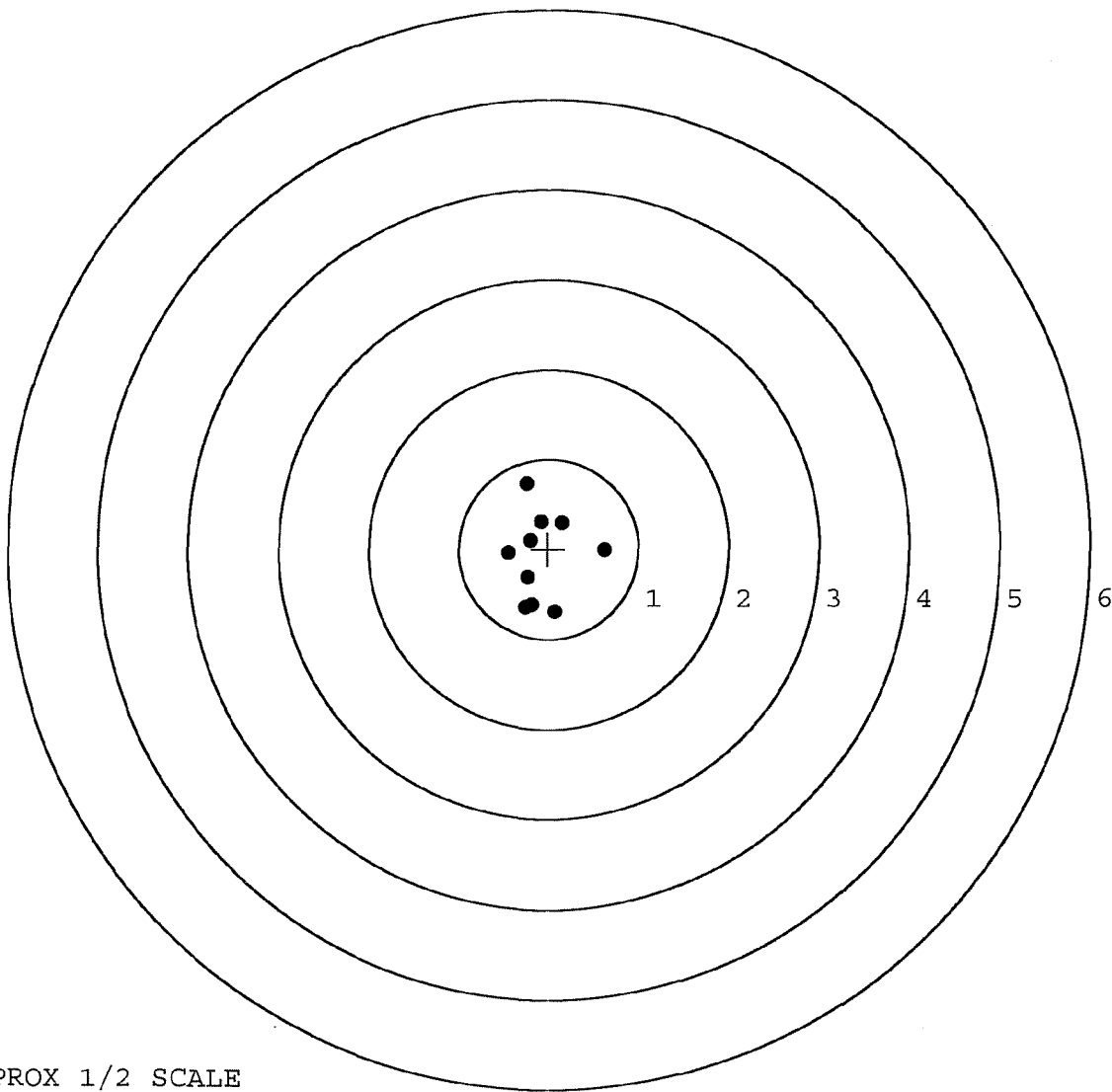


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 3
FILE DATE: 01/10/2003
FILE TIME: 09:40

POINT#	X	Y
1:	0.078	-0.704
2:	-0.185	-0.625
3:	0.631	-0.018
4:	0.147	0.290
5:	-0.082	0.302
6:	-0.246	0.728
7:	-0.205	0.099
8:	-0.445	-0.051
9:	-0.227	-0.314
10:	-0.258	-0.650

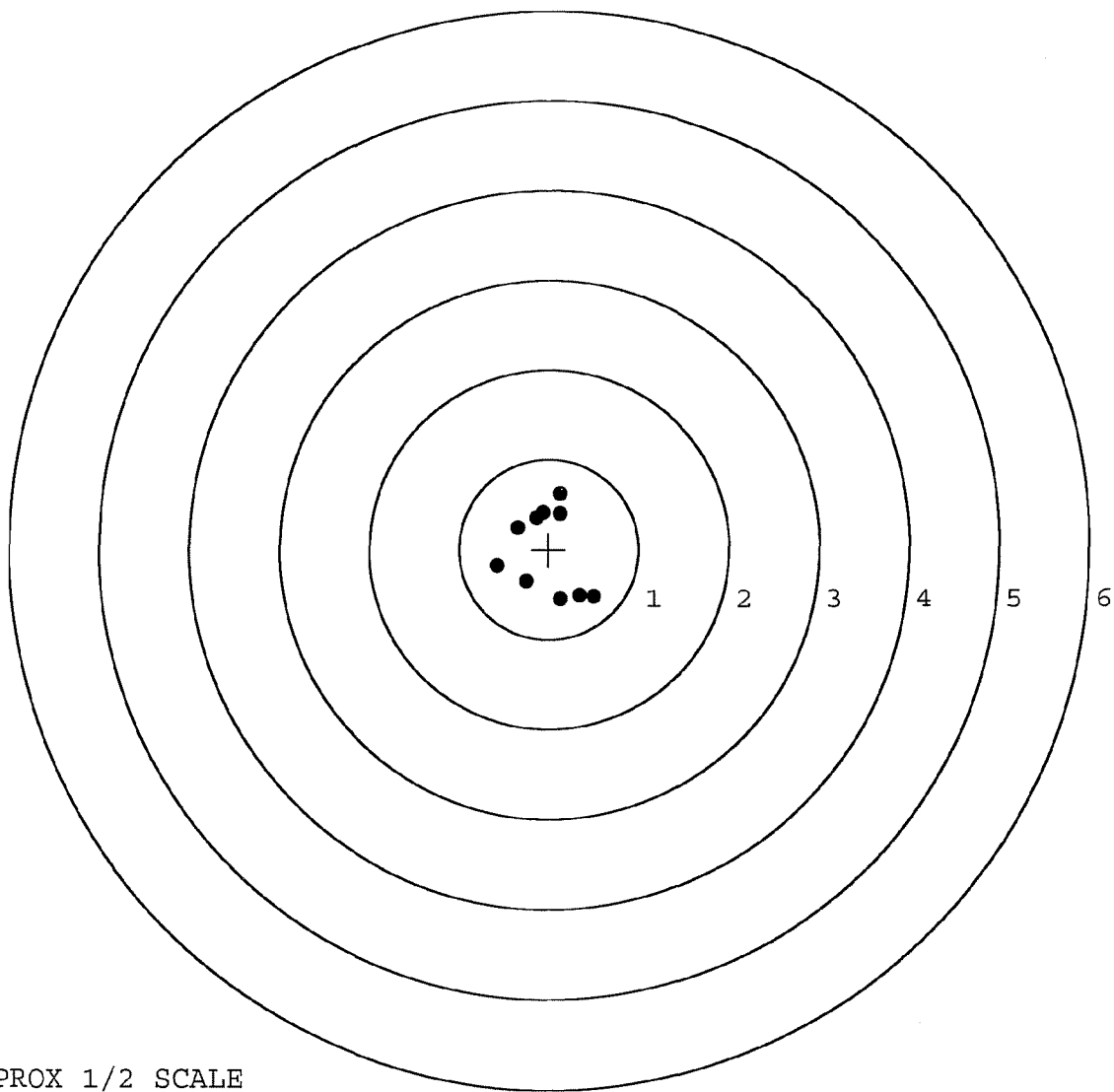
X CENTROID: -0.079
Y CENTROID: -0.094
POA TO CENTROID: 0.123
HORZ SPREAD: 1.076
VERT SPREAD: 1.432
GROUP SPREAD: 1.468
MIN RADIUS: 0.231
MAX RADIUS: 0.839
MEAN RADIUS: 0.501
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 4
FILE DATE: 01/10/2003
FILE TIME: 09:40

	POINT#	X	Y
	1:	0.501	-0.532
	2:	0.341	-0.514
	3:	0.130	-0.556
	4:	-0.249	-0.357
	5:	-0.580	-0.182
	6:	-0.348	0.241
	7:	-0.144	0.349
	8:	0.124	0.395
	9:	0.124	0.616
	10:	-0.073	0.409
X CENTROID:		-0.017	
Y CENTROID:		-0.013	
POA TO CENTROID:		0.022	
HORZ SPREAD:		1.081	
VERT SPREAD:		1.172	
GROUP SPREAD:		1.208	
MIN RADIUS:		0.384	
MAX RADIUS:		0.733	
MEAN RADIUS:		0.522	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	

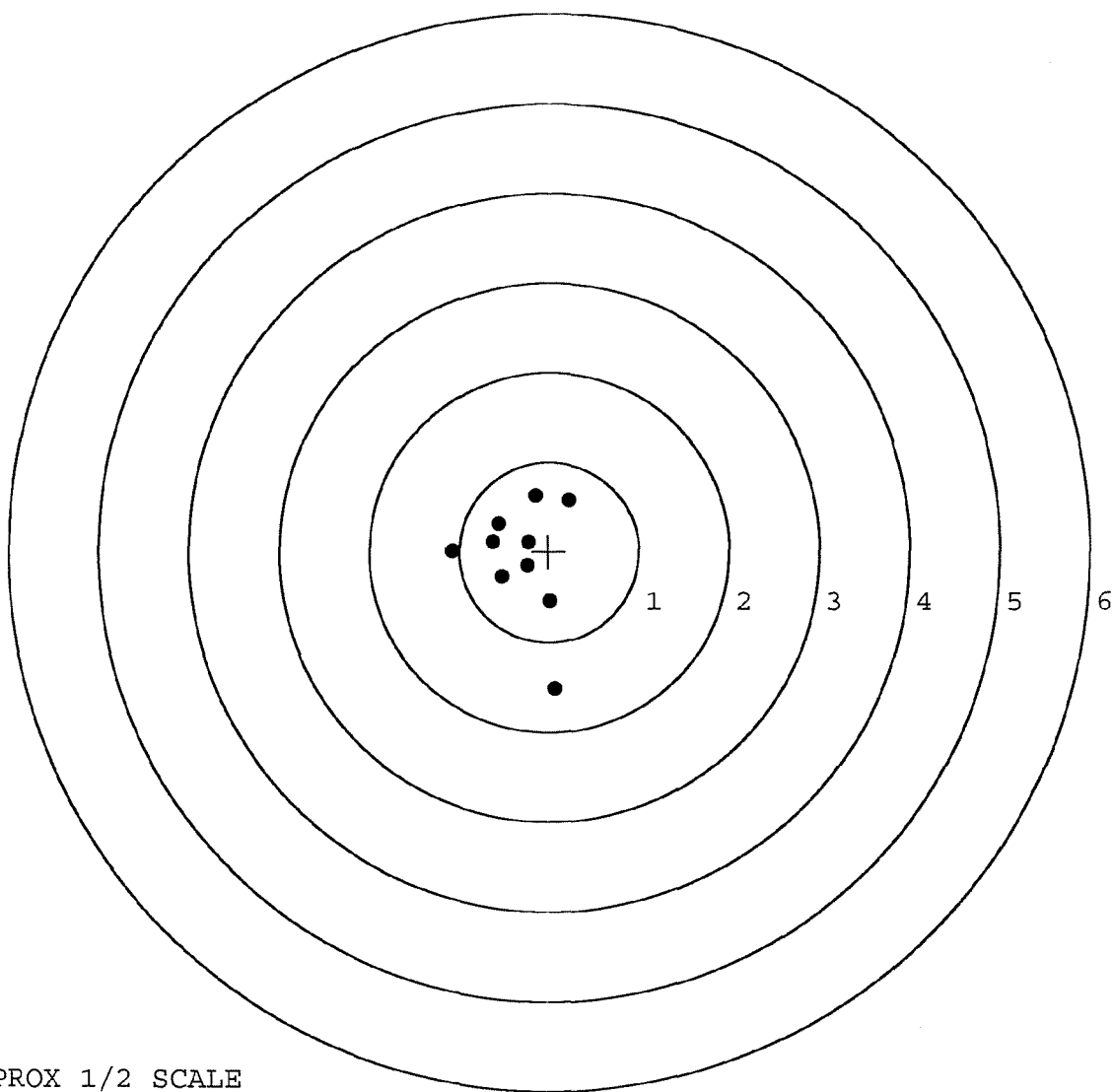


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 5
FILE DATE: 01/10/2003
FILE TIME: 09:40

POINT#	X	Y
1:	0.018	-0.558
2:	-0.523	-0.283
3:	-0.238	-0.161
4:	-0.228	0.106
5:	-0.632	0.113
6:	-0.560	0.311
7:	-1.079	0.000
8:	-0.149	0.625
9:	0.225	0.573
10:	0.076	-1.524

X CENTROID: -0.309
Y CENTROID: -0.080
POA TO CENTROID: 0.319
HORZ SPREAD: 1.304
VERT SPREAD: 2.149
GROUP SPREAD: 2.161
MIN RADIUS: 0.108
MAX RADIUS: 1.495
MEAN RADIUS: 0.586
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WD A, 6, C, P	1b. CUSTOMER UNIT NAME C CO 1/24 INF	1c. PHONE NO (253) 967-3212	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO		
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL M24			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751			16. MILES/KILOMETERS/HOURS/ROUNDS	
9. NOUN RIFLE, SNIPER 7.62 mm						M K	
10a. ORG WON/DOC NO		10b. EIC				H R	
11. SERIAL NUMBER 66478324	12. QTY 0001	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)				
			22. LEVEL OF WORK		23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) RIFLE HAS 6500 ROUNDS THROUGH BARREL. MAGAZINE STICKS. BOLT FACE PITTED. CHAMBERING ROUNDS IS DIFFICULT. BARREL NEEDS REDONE.							
25. REMARKS							

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
 Block 1b. Enter name of submitting organization.
 Block 1c. Enter number to be called when maint. is completed.
 Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
 Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
 Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
 Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
 Block 7. Enter the NSN or stock number of the item being submitted.
 Block 8. Enter model of item being submitted.
 Block 9. Enter noun/nomenclature of item being submitted.
 Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
 Block 10b. Enter End Item Code. See AMDF.
 Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
 Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
 Block 14. For DSU, GSU/AVIM, DEPOT use.
 Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
 Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
 Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
 Block 17. Enter the project code if one has been assigned. If not, leave blank.
 Block 18. See DA Pamphlets 738-750 and 738-751.
 Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
 Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
 Block 21. For DSU/GSU/AVIM/Depot use.
 Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
 Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
 Block 25. Self-explanatory.

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

R & E NUMBER	81142		
SERIAL NUMBER	C649 8824		
LOG-IN DATE	5-20-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-25-04	RTL
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6-2-04	AB
618	ROTO-BLAST	6-2-04	DH
620	APPLY COATINGS	6-8	TH
625 A	FINAL ASSEMBLY	6-11-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-14-04	AL
655	FINAL INSPECT	6-16-04	RTL
660	PACK	6-16-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

Repair Inquiry

Repair Number: **RE00056559**Serial: C6498824 Model: 700 Center Fire Caliber:
7.62 NATO M-24 (SVS)

Repairman:

Verify Repair

Status:

Closed 12/2/2002 10:51:06 AM

Address Information

Customer:

☒ Received From

Return To

☐ Received From

Name: CDR C CO

CDR C CO

Address 1: 1 24 INF MS 85

1 24 INF MS 85

Address 2: BOX 339500

PO Box

BOX 339500

PO Box

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition:

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

naqletj

12/2/2002

11:00 AM

CAPS

NUM

INS

SCRL

start

Microsoft O...

Microsoft E...

Arms Services ...

Part Search by ...

My Excite - Mic...

11:00 AM

Serial Number: **C6498824**Model: **700****RE00056559**

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

10

R & E NUMBER	56559		
SERIAL NUMBER	C649 8824		
LOG-IN DATE	12-2-02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-3-02	RL
560 A	RE-BARREL	12-3-02	RL
B	DRILL AND TAP	12-3-02	TRW
575	ASSEMBLE	12-3-02	RL
600	PROOF	12-3-02	AC
605	CHECK HEADSPACE	12-3-02	AC
610	DIS-ASSEMBLE GUN	12-3-02	RL
612	MAGNAFLUX <i>ERATOR</i>	<i>RL</i>	
615	ROLLMARK CALIBER	12-6-02	B
618	ROTO-BLAST	12-7-02	RL
620	APPLY COATINGS	12-13-02	TA
625 A	FINAL ASSEMBLY	12-20-02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-9-03	TRW
655	FINAL INSPECT	1-13-03	RL
660	PACK	1-13-03	TA
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

In: C6498824

DATE REC'D: 12-2-02

DATE RET'D: 1-13-03

EDITOR: RTL

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: _____

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498824.___0

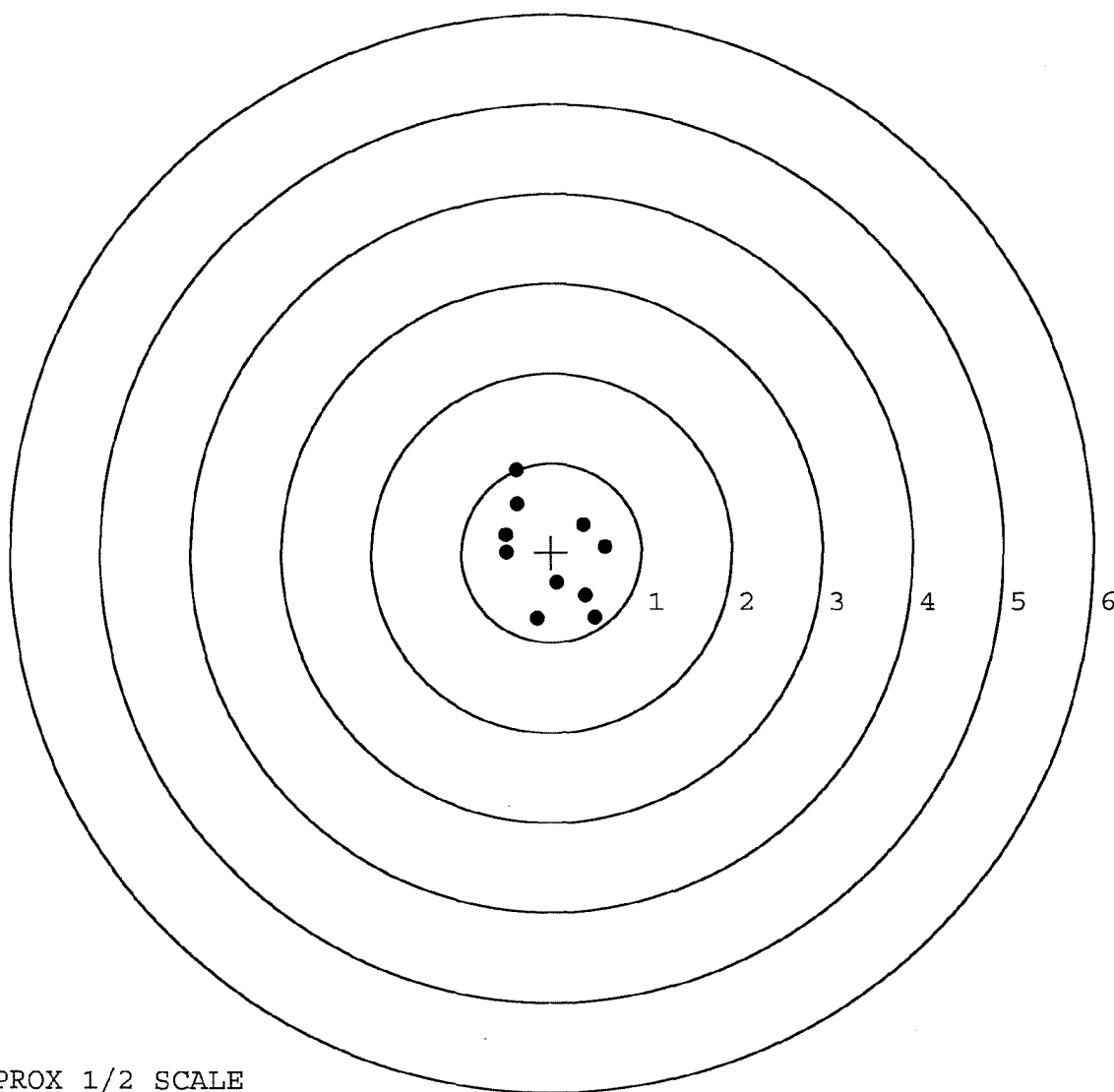
FILE DATE AND TIME: 01/10/2003 09:40

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	-0.030
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.542
The Distance from POA to Centroid Target #1:	0.027
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.101
The Distance from Centroid Target #4 to Centroid Target #1:	0.019
The Distance from Centroid Target #5 to Centroid Target #1:	0.309

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 1
FILE DATE: 01/10/2003
FILE TIME: 09:40

	POINT#	X	Y
	1:	0.489	-0.728
	2:	0.383	-0.484
	3:	0.065	-0.344
	4:	-0.156	-0.742
X CENTROID:	5:	0.597	0.065
Y CENTROID:	6:	0.354	0.307
POA TO CENTROID:	7:	-0.496	-0.003
HORZ SPREAD:	8:	-0.512	0.195
VERT SPREAD:	9:	-0.384	0.546
GROUP SPREAD:	10:	-0.387	0.921
MIN RADIUS:		0.325	
MAX RADIUS:		1.022	
MEAN RADIUS:		0.637	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	

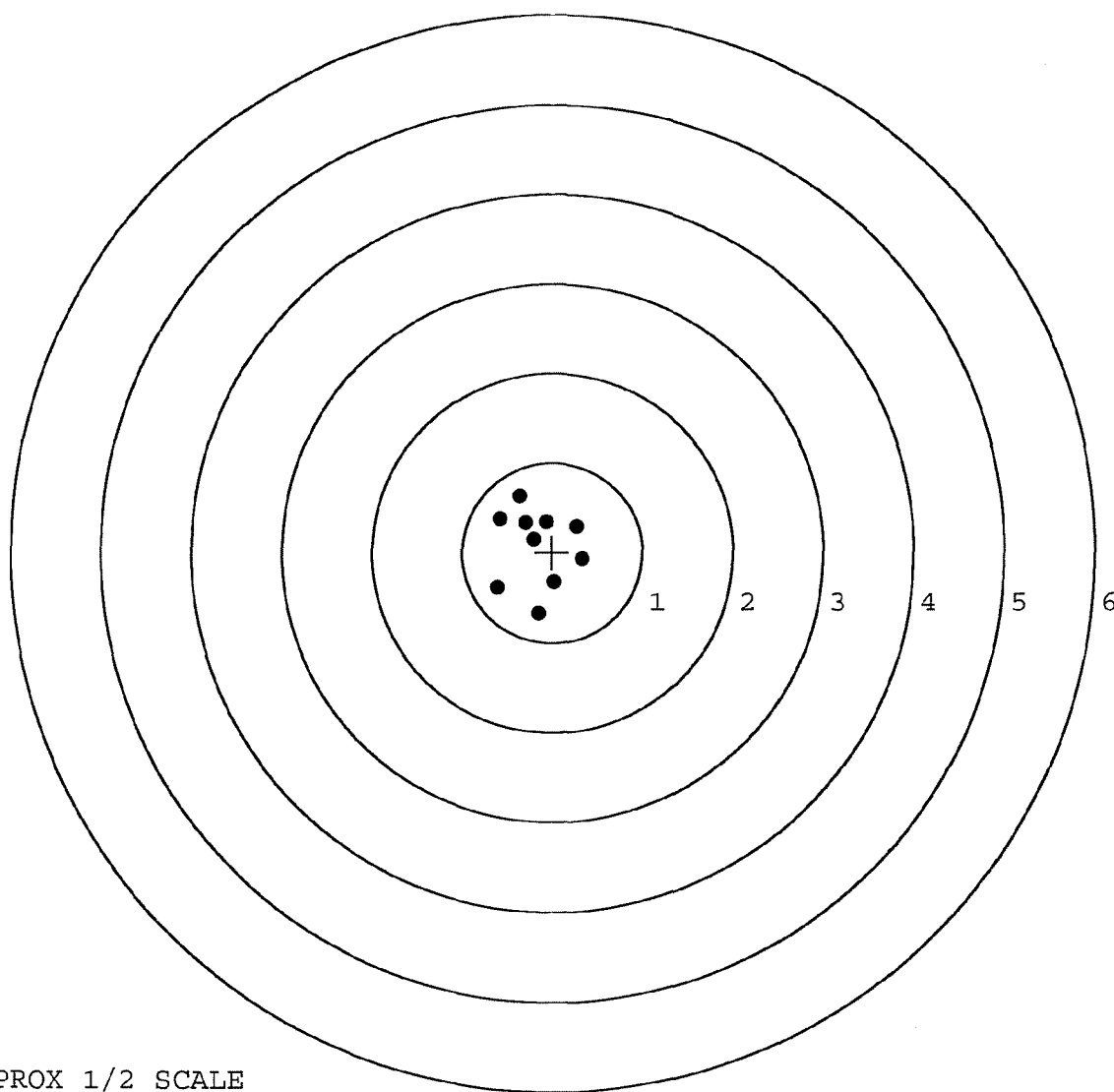


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 2
FILE DATE: 01/10/2003
FILE TIME: 09:40

X CENTROID: -0.165
Y CENTROID: 0.062
POA TO CENTROID: 0.176
HORZ SPREAD: 0.947
VERT SPREAD: 1.316
GROUP SPREAD: 1.332
MIN RADIUS: 0.093
MAX RADIUS: 0.746
MEAN RADIUS: 0.464
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

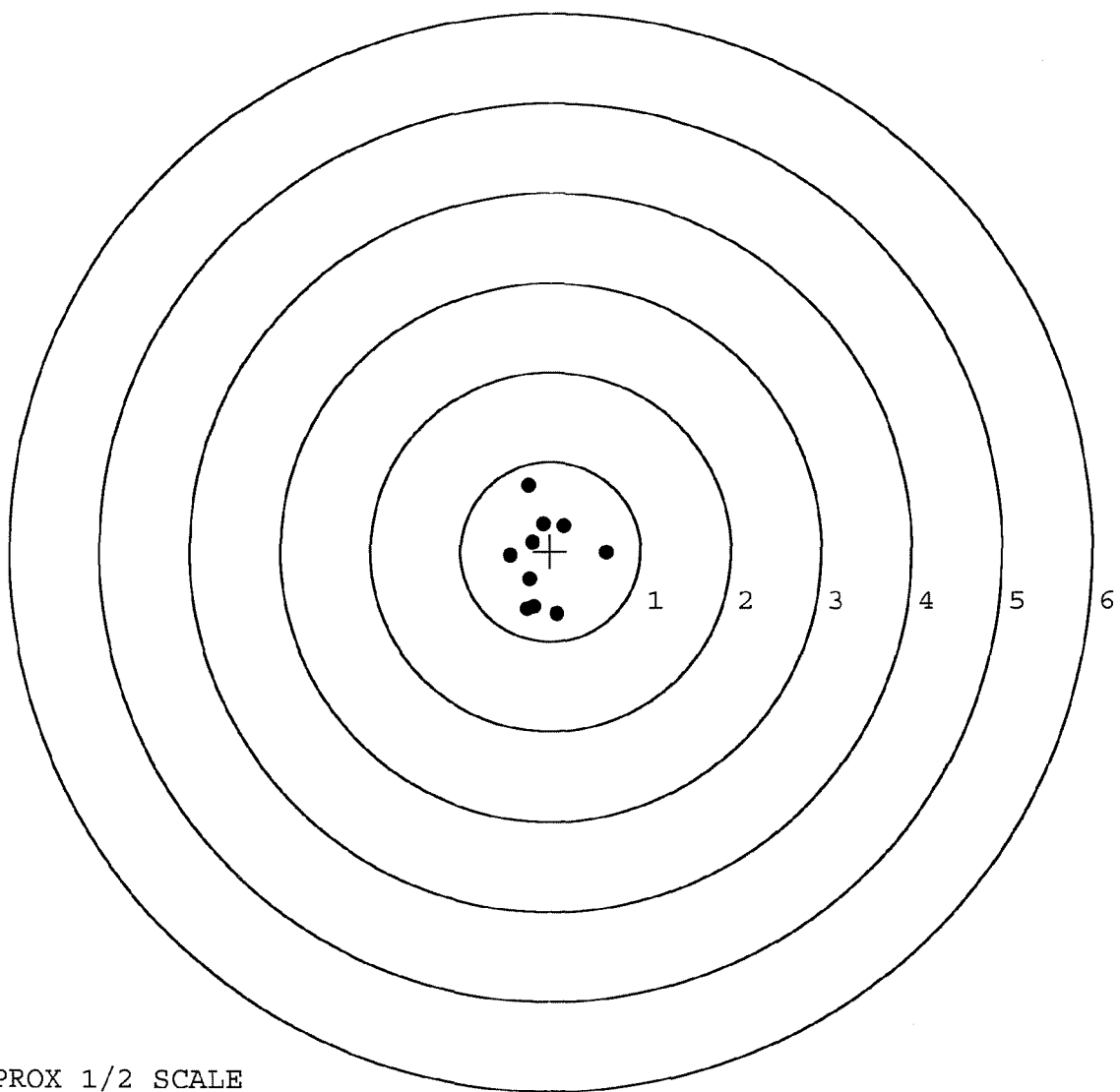
POINT#	X	Y
1:	0.024	-0.337
2:	-0.153	-0.684
3:	-0.608	-0.390
4:	-0.362	0.632
5:	-0.581	0.378
6:	-0.070	0.335
7:	-0.207	0.145
8:	0.269	0.291
9:	0.339	-0.077
10:	-0.298	0.328



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __ 0
TARGET NUMBER: 3
FILE DATE: 01/10/2003
FILE TIME: 09:40

	POINT#	X	Y
	1:	0.078	-0.704
	2:	-0.185	-0.625
	3:	0.631	-0.018
	4:	0.147	0.290
	5:	-0.082	0.302
	6:	-0.246	0.728
	7:	-0.205	0.099
	8:	-0.445	-0.051
	9:	-0.227	-0.314
	10:	-0.258	-0.650
X CENTROID:		-0.079	
Y CENTROID:		-0.094	
POA TO CENTROID:		0.123	
HORZ SPREAD:		1.076	
VERT SPREAD:		1.432	
GROUP SPREAD:		1.468	
MIN RADIUS:		0.231	
MAX RADIUS:		0.839	
MEAN RADIUS:		0.501	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	

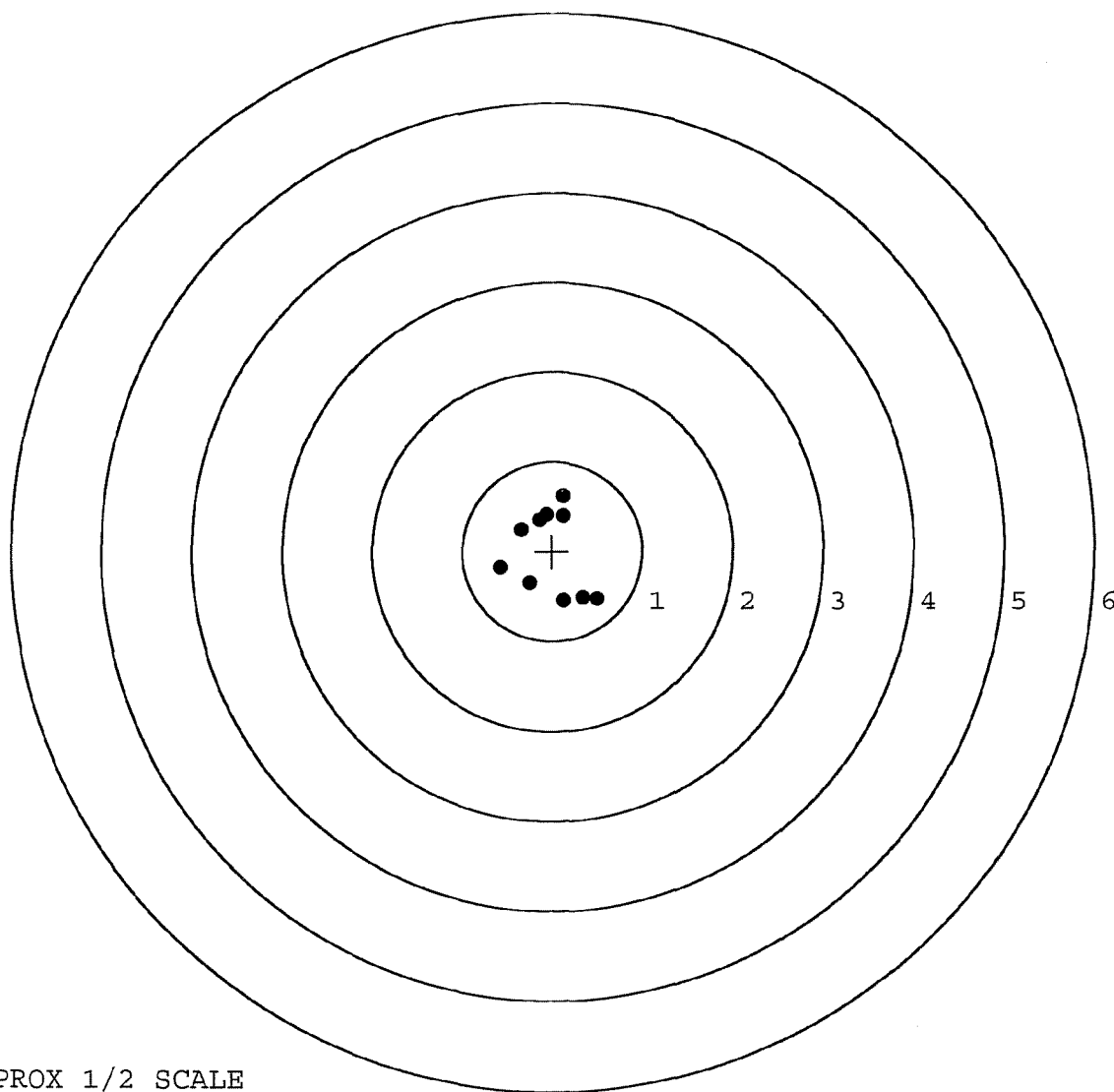


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 4
FILE DATE: 01/10/2003
FILE TIME: 09:40

X CENTROID: -0.017
Y CENTROID: -0.013
POA TO CENTROID: 0.022
HORZ SPREAD: 1.081
VERT SPREAD: 1.172
GROUP SPREAD: 1.208
MIN RADIUS: 0.384
MAX RADIUS: 0.733
MEAN RADIUS: 0.522
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

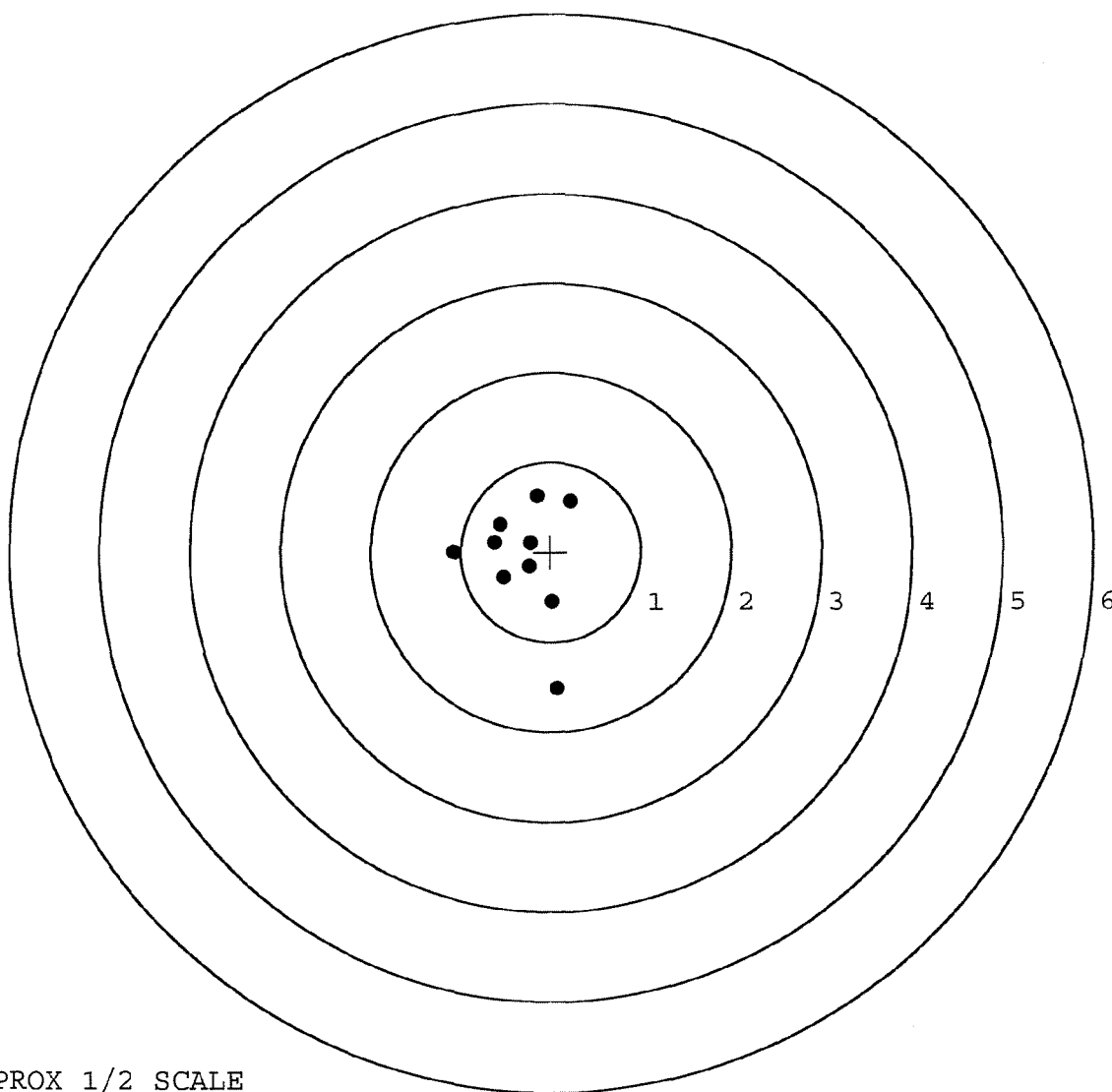
POINT#	X	Y
1:	0.501	-0.532
2:	0.341	-0.514
3:	0.130	-0.556
4:	-0.249	-0.357
5:	-0.580	-0.182
6:	-0.348	0.241
7:	-0.144	0.349
8:	0.124	0.395
9:	0.124	0.616
10:	-0.073	0.409



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498824. __0
TARGET NUMBER: 5
FILE DATE: 01/10/2003
FILE TIME: 09:40

	POINT#	X	Y
	1:	0.018	-0.558
	2:	-0.523	-0.283
	3:	-0.238	-0.161
	4:	-0.228	0.106
	5:	-0.632	0.113
	6:	-0.560	0.311
	7:	-1.079	0.000
	8:	-0.149	0.625
	9:	0.225	0.573
	10:	0.076	-1.524
X CENTROID:		-0.309	
Y CENTROID:		-0.080	
POA TO CENTROID:		0.319	
HORZ SPREAD:		1.304	
VERT SPREAD:		2.149	
GROUP SPREAD:		2.161	
MIN RADIUS:		0.108	
MAX RADIUS:		1.495	
MEAN RADIUS:		0.586	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		9	
# in 3 IN DIAMETER:		10	



TARGET APPROX 1/2 SCALE

Remington.



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

MODEL 700TM M24

SERIAL NO.
C6498824

ORDER NO.
5716

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

01



5716 C6498824

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498824

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12	90	RW
600	Proof	7 12	90	RW
607	Check Headspace	7 12	90	RW
610	Dis-assemble Gun	7 12	90	RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	GL
617	Drill and Tap Sight Holes		7/23/90	LB
618	Polish Barrel LB		7/24/90	WB
620	Apply Coatings (Barrel Action)		7-26-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/24/90	SL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/29/90	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			8/29/90	WLB
	H) Trigger Pull Test & Retainability						8/29/90	84
	I) Firing Pin Indent	.023	.023	.023			8/29/90	WLB
	J) Assemble Stock						9/5/90	RW
	K) Assemble Swivel Studs						9/6/90	922
	L) Attach Front and Rear Sight Assemblies						9/5/90	RW
	M) Iron Sight Alignment						9/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						9/5/90	RW
	O) Attach Scope to Rifle						9/5/90	RW
	P) Detach & Attach Scope 20 Times						9/5/90	RW
640	Gallery Target & Test						9-7-90	AC
	A) Time						9-7-90	AC
	B) Malfunctions						9-7-90	AC
	C) Pierced Primers						9-7-90	AC
	D) Optical Clarity of Scope						9-7-90	AC
645	Inspect for Live Ammo						9-7-90	AC
655	Final Inspection							
	A) Headspace						9/9/90	928
	B) Trigger Pull	253	251	241	241	239	9/9/90	928
	C) Function						9/9/90	928
660	Pack						9-19-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498824

DATE 8/29/90

TESTER gfl

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.24	2.40	253	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.25	2.23	251	
PULL #3	2.23	2.17	2.22	241	
PULL #4	2.21	2.30	2.31	241	
PULL #5	2.19	2.43	2.30	239	
TOTAL	11.04	11.39	11.46		
AVG.	2.208	2.278	2.292		

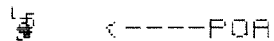
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.51		
PULL #2	3.18	3.27		
PULL #3	3.22	3.12		
PULL #4	3.08	3.22		
PULL #5	3.17	3.19		
TOTAL	15.88	15.41		
AVG.	3.176	3.182		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.24		4.37
PULL #2	4.27	4.27		4.43
PULL #3	4.11	4.18		4.40
PULL #4	4.28	4.09		4.29
PULL #5	4.30	4.11		4.39
TOTAL	21.32	20.89		21.88
AVG.	4.264	4.178		4.376

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498824
7 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.394312
1 TO	2	.286458
1 TO	3	.42291
1 TO	4	.44797
1 TO	5	.347967

 <----POA

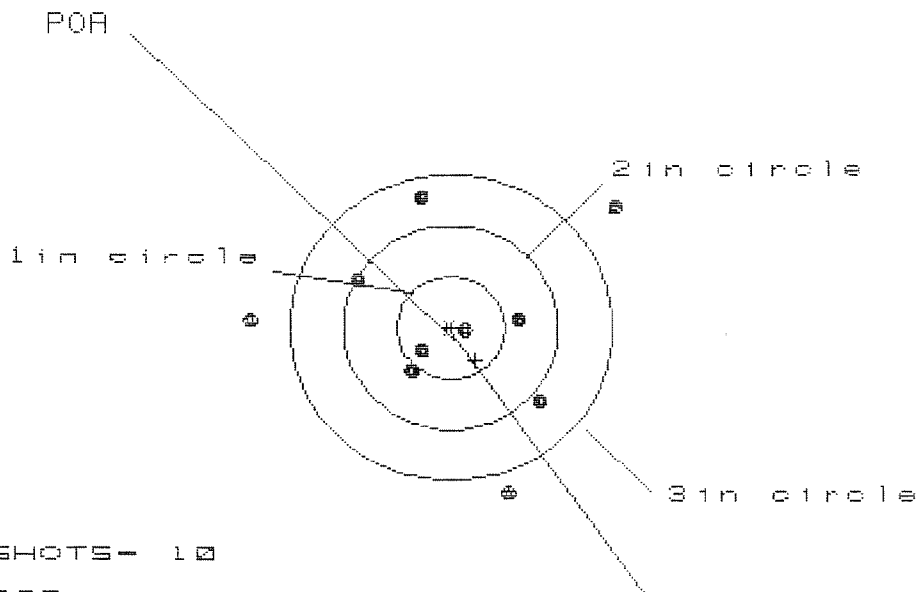
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .105076

THE AMR FOR THIS RIFLE IS: .935

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06496824

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 7

HS = 3.356

VS = 2.863

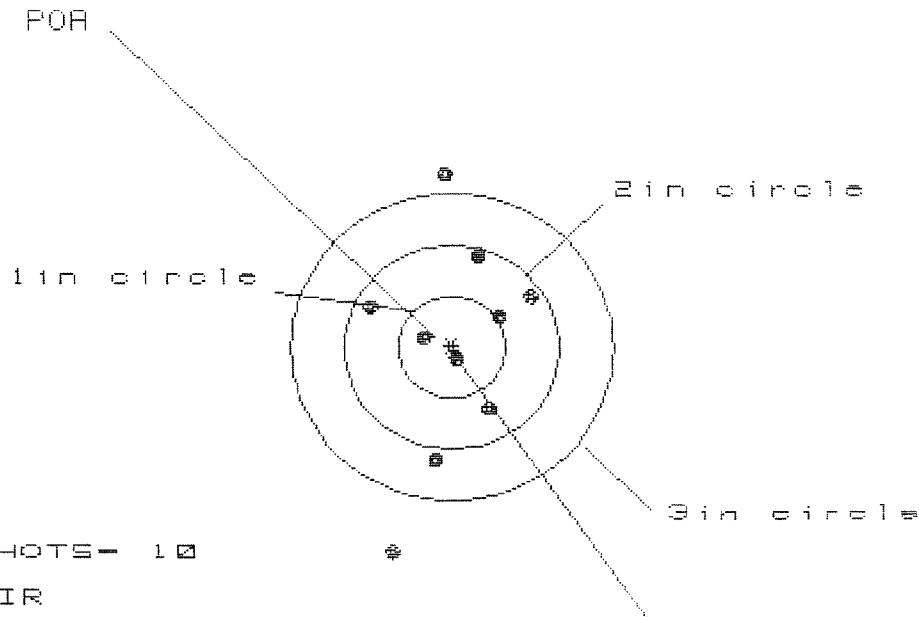
GS = 3.515

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.502	1.010	.799
MINIMUM X	:	-1.854	-1.687	-.963
MAXIMUM Y	:	1.247	1.375	1.403
MINIMUM Y	:	-1.616	-1.488	-1.460
CENTROID X	:	-.229	-.396	-.185
CENTROID Y	:	.321	.193	.165
POA TO CENTROID in.	:	.394	.441	.248
MIN RADIUS	:	.135	.128	.152
MEAN RADIUS	:	1.053	.942	.834
MAX RADIUS	:	1.888	1.762	1.548
HORIZONTAL SPREAD	:	3.356	2.697	1.762
VERTICAL SPREAD	:	2.863	2.863	2.863
EXTREME SPREAD	:	3.515	2.976	2.976
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Sep 1980

FILE:/PATTERNING/CENTERFIRE_PATT/C6436824

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 1.472

VS = 3.672

GS = 3.718

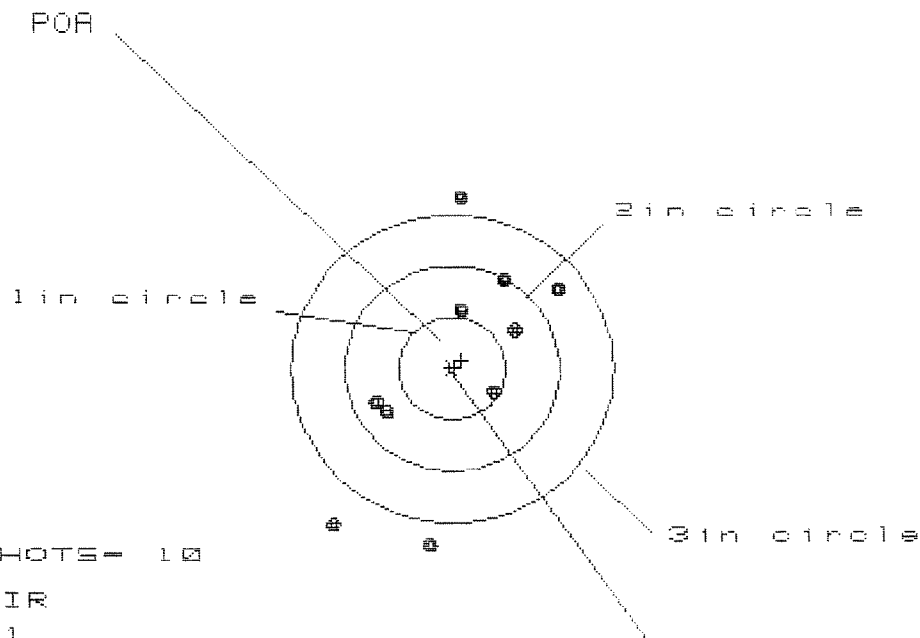
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.757	.690	.679
MINIMUM X	:	-.715	-.782	-.793
MAXIMUM Y	:	1.681	1.460	.843
MINIMUM Y	:	-1.991	-1.294	-1.111
CENTROID X	:	-.042	.025	.036
CENTROID Y	:	.104	.325	.142
POA TO CENTROID in.	:	.112	.326	.147
MIN RADIUS	:	.138	.294	.194
MEAN RADIUS	:	.904	.765	.660
MAX RADIUS	:	2.080	1.463	1.144
HORIZONTAL SPREAD	:	1.472	1.472	1.472
VERTICAL SPREAD	:	3.672	2.754	1.954
EXTREME SPREAD	:	3.718	2.759	1.994
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0649B024

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.044

VS = 3.366

GS = 3.421

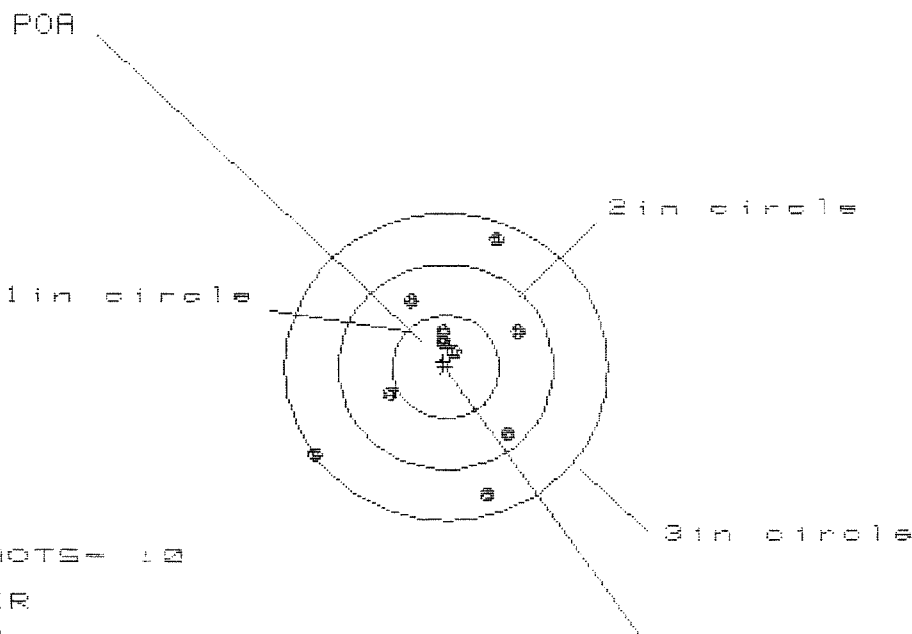
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.958	.838	.796
MINIMUM X	-1.086	-.855	-.897
MAXIMUM Y	1.658	1.487	1.252
MINIMUM Y	-1.708	-1.879	-.827
CENTROID X	-.086	.034	.076
CENTROID Y	-.077	.094	.329
POA TO CENTROID in.	.115	.100	.338
MIN RADIUS	.438	.366	.148
MEAN RADIUS	1.070	.942	.778
MAX RADIUS	1.884	1.909	1.252
HORIZONTAL SPREAD	2.044	1.693	1.693
VERTICAL SPREAD	3.366	3.366	2.079
EXTREME SPREAD	3.421	3.384	2.202
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C643B824

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 1.910

VS = 2.473

GS = 2.679

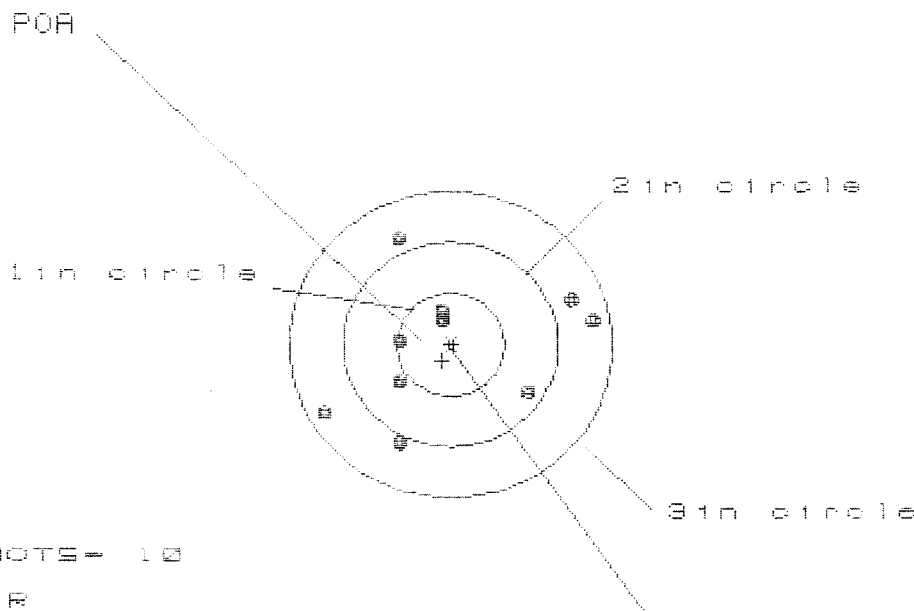
CENTROID #

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.713	.580	.627
MINIMUM X	-1.197	-.678	-.631
MAXIMUM Y	1.245	1.154	.693
MINIMUM Y	-1.228	-1.319	-1.175
CENTROID X	.025	.158	.111
CENTROID Y	-.048	.043	-.101
POA TO CENTROID in.	.054	.164	.150
MIN RADIUS	.130	.110	.189
MEAN RADIUS	.784	.694	.647
MAX RADIUS	1.450	1.336	1.203
HORIZONTAL SPREAD	1.910	1.258	1.258
VERTICAL SPREAD	2.473	2.473	1.868
EXTREME SPREAD	2.679	2.479	1.994
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

7 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS436824

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS = 0.457

VS = 0.043

CS = 0.607

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.283	1.153	1.168
MINIMUM X	-1.174	-1.612	-1.468
MAXIMUM Y	1.075	1.007	1.030
MINIMUM Y	-1.968	-1.036	-1.013
CENTROID X	.088	.210	.066
CENTROID Y	.161	.229	.206
POA TO CENTROID in.	.180	.311	.216
MIN RADIUS	.286	.284	.240
MEAN RADIUS	.864	.818	.742
MAX RADIUS	1.325	1.204	1.240
HORIZONTAL SPREAD	2.457	1.765	1.636
VERTICAL SPREAD	2.043	2.043	2.043
EXTREME SPREAD	2.607	2.173	2.173
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

ORDER
94-18341

SCOPE 91-0053

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/11/94	06/11/94		C6498824		700 7.62	NATO
ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE		

SHIP TO:

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

AL
36201-5025

CUST NO: 098397 CLO.DL

ACCOUNT NUMBER N/C

WRITE

ESTIMATED

VIA

FRT

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		D2			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

COMMENTS

Trigger Assy	\$173.31
✓ Front Sight Assy	56.75
✓ Rear Sight Assy	231.00
Inspect/Wash/Clean	50.00
	<u>511.07</u>

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	DATE	DATE	DATE /	DATE	DATE
----------------	------	------	--------	------	------

RD6925 REV. 1/94

M2400165653

SWS TRIGGER PULL TEST

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

SERIAL NO. C6498824
DATE 2-22-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.33	2.74	2.66	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.70	2.87	2.68	
PULL #3	2.65	2.94	2.90	
PULL #4	2.86	2.90	2.94	
PULL #5	2.84	2.90	2.90	
TOTAL	1338	1435	1408	
AVG.	2.67	2.87	2.81	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.24	2.97	
PULL #2	3.02	2.90	
PULL #3	3.27	2.94	
PULL #4	2.90	3.10	
PULL #5	2.98	3.09	
TOTAL	1541	1500	
AVG.	3.08	3.00	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	3.96		4.18
PULL #2	4.47	4.29		4.01
PULL #3	4.21	3.94		3.97
PULL #4	4.27	4.10		4.14
PULL #5	4.28	3.91		4.00
TOTAL	2144	2020		2030
AVG.	4.28	4.04		4.06

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6498824

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 1/4	6 1/4			2/28/96	WB
	G) Safety Off Force	3	3	3 1/4			2/27/96	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	236	228	223	232	230	2/27/96	WB
	C) Function							
660	Pack							

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